



Registry keys reference guide

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Designations

The following designations are in the reference guide:

(x32) -

HKEY_LOCAL_MACHINE\SOFTWARE\ITV\INTELLECT\ registry section

(x64) -

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\ITV\INTELLECT registry section

For the ATM-Intellect software:

(x32-ATM/Monitoring) -

HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\VHostService registry section

(x64-ATM/Monitoring) -

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\VHostService registry section

For the ATM Event Capture utility:

(x32-ATM Event Capture) -

HKEY_LOCAL_MACHINE\SOFTWARE\ITV\EventATM registry section

(x64-ATM Event Capture) -

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\ITV\EventATM registry section

General information on Windows OS registry and working with it is given in the [Working with Windows OS registry](#) section of the [Administrator's Guide](#).

1 Intellect Enterprise base version

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	AcsStdLimit	1-30	1	4.8.0 and later	Sets the upper limit of succession of frames in the stream in the MJPEG format. If the succession of frames sent to the remote workstation rises to the value specified in the registry key, then scaling is enabled.
x32: (X32)\Video x64: (x64)\Video	AcsMpegLimit	1-30	25	4.8.0 and later	Sets the upper limit of succession of frames in the stream in the H.264/MPEG4 format. If the succession of frames sent to the remote workstation rises to the value specified in the registry key, then scaling is enabled.
x32: (X32)\Video x64: (x64)\Video	Activecam	0, 1	1	4.7.3 and later	Defines whether to activate the camera by the first click.
x32: (X32)\Video x64: (x64)\Video	ActivateTelemetryHotkeys	0, 1	0	4.8.2 and later	Defines whether the Telemetry control via hotkeys is activated.
x32: (X32)\Video x64: (x64)\Video	AdaptiveClientFrameSkip	0, 1	1	4.8.2 and later	When the value is 0, then scaling on the Server is disabled. It is better not to disable scaling.
x32: (X32)\Video x64: (x64)\Video	AdaptivePlayer	0, 1	0	4.7.6. HOTFL X build 214 and later	The key is created on the Server. It defines whether the AdaptivePlayer is enabled. When the playback speed is changed, the Client sends data about new speed to the Server. Every time there is the change the Server clears the succession of frames sent to the Client and starts creating a new one with scaling specified by the Client. Hence, the Client does not get every frame – this reduces the Server load.
x32: (X32)\Video x64: (x64)\Video	FastPlayStep	1-6	1	4.8.0 and later	The key is created on the Client. It allows setting the step of playback speeding-up. Example: for the 3 value the speeding-up step is x6 (i.e. playback speed can be x6, x12, x18, etc.), for 5 - x10. Max playback speed is x60. High playback speed can be achieved when the AdaptivePlayer is enabled.
x32: (X32)\Video x64: (x64)\Video	allclientsbps	>=0	0	4.7.6 and later	Sets the upper limit of total outgoing video traffic: : 0 – not in use; >0 – max bandwidth of outgoing stream for all Video.run clients.
x32: (X32)\Video x64: (x64)\Video	AllowDelete	0, 1	0	4.7.3 and later	The key allows deleting files in the archive list when clicking the Del button.

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	AlwaysServerConnection	0, 1	1	4.7.3 and later	Defines whether to connect the Monitor to the Server.
x32: (X32)\Video\ArchDays x64: (x64)\Video\ArchDays	<camera id>	> = 0	0	4.7.5 and later	Defines whether to store the archive of the specified camera for xxx days.
x32: (X32)\Video\ArchHours x64: (x64)\Video\ArchHours	<camera id>	> = 0	0	4.7.5 to 4.10	Defines whether to store the archive of the specified camera for not more than xxx hours. This key can be used only if one disk is selected for storing the archive. Since version 4.10.0 the Store no more than parameter on the settings panel of the Camera object is in use instead of this key.
x32: (X32)\Video x64: (x64)\Video	ArchStatus	0, 1	1	4.7.3 and later	Defines whether to send current archive status to the Server. This key can be used only if one disk is selected for recording the archive.
x32: (X32)\Video x64: (x64)\Video	ArchSync	> 0	1	from 4.9.5, 4.8.10	Defines whether data synchronization between Server and Backup archive is enabled or not. Synchronization is disabled when the value is 0. When the value is > 0 the key sets maximum imbalance of Backup archive depth between channels in minutes. By default the key is not created and its value is 1. The key must be created/modified on the computer corresponding to the Server on the basis of which the Long-term archive object is created
		0, 1	0	4.7.7 to 4.8.10, 4.9.5	Defines whether data synchronization between Server and Backup archive is enabled. When synchronization is enabled, the smaller fragments are sent to the Backup archive until the latest recorded fragment is not copied. After this, newly recorded fragments on this camera are not sent until the same number of fragments is copied from every camera. The key must be created/modified on the computer corresponding to the Server on the basis of which the Long-term archive object is created
x32: (X32)\Video x64: (x64)\Video	Cfg	-	name	4.7.3 and later	Sets the name of configuration file.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	CheckLostFolders	0, 1	0	4.7.3 and later	Defines whether to remove old log files from the oldest directory when going to a new disk.
x32: (X32)\Video x64: (x64)\Video	Compression	0,1	1	up to 4.8.0	Defines whether to check and delete the folders and files that are not in the index.
x32: (X32)\Video x64: (x64)\Video	CompressorVersion	0 - 255	110	from 4.7.3 to 4.9.0	The parameter defines the compressor version when the recompression is enabled. 55 value corresponds to MJPEG. 110 value corresponds to MotionWavelet.
x32: (X32)\Video x64: (x64)\Video	DebugCam.Camera_ID	0, 1	0	4.7.7 and later	0 - logging is disabled 1 - logging is enabled
x32: (X32)\Video x64: (x64)\Video	DecompressThread	-	-		Key is not active.
x32: (X32)\Video x64: (x64)\Video	DecompressWidth<Monitor_number>		-	4.7.3 and later	Sets the size of frame starting from which the <Monitor_number> starts partial decompression of video signal. For instance, when the value of the DecompressWidth1 parameter is 3000, the Monitor1 will not decompress all frames that are less than 3000 pixels.
x32: (X32)\Video x64: (x64)\Video	Delay		0	up to 4.7.4	The key specifies the delay (in ms) of sending video to the camera.
x32: (X32)\Video x64: (x64)\Video	Delta	0, 1	1	4.7.3 and later	Allow sending only key frames from Server to Client.
x32: (X32)\Video x64: (x64)\Video	Demo	0, 1	0	4.7.3 and later	Defines whether the capture cards are in use or video comes from the file.
x32: (X32)\Video x64: (x64)\Video	DetectionFps	0.3...30	2	4.7.8 and later	Sets the fps of a detection tool.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	DisconnectInactive	0, 1	0	4.8.0 HotFix	Defines whether the Monitor disconnects the gate if the screen is minimized: 1 - disconnect inactive monitors from the Servers (gates, archivers) 0 - support persistent connection
x32: (X32)\Video x64: (x64)\Video	DLinkHttpPort		80	up to 4.8.0	Port for VitaminControll; DLink from 2000 to 6000 series are compatible with it. The key is not in use.
x32: (X32)\Video x64: (x64)\Video	DrawCursor		0	up to 4.8.0	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	Drv	-	-	up to 4.7.6	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	EnableSnapShotMode	0, 1	0	4.7.3 and later	Triggers camera in the snapshot mode, for Axis and D-link 900, operates with the delay.
x32: (X32)\Video x64: (x64)\Video	ExportDir	Path to a folder	moduledir + "\export"	4.7.3 and later	Specifies the directory for saving frames and recordings from monitor interface (but not via background export, see AviExport utility).
x32: (X32)\Video x64: (x64)\Video	ExportTime	>= 0	0	4.7.3 and later	Specifies time (in ms) for exporting snapshot from live video into jpg.
x32: (X32)\Video x64: (x64)\Video	Filter.Exclude	Event name	not created	up to 4.8.0	Excludes the events. Format: Filter.Exclude.event_ID. The parameter value is the name of the event to be excluded. Example: "Filter.Exclude.0"="MD_INFO" "Filter.Exclude.1"="MD_START"
x32: (X32)\Video x64: (x64)\Video	FreeMB	> 0	1000	4.7.3 to 4.9.5	Sets free space in the section while storing the archive; when the limit is reached the earliest recordings will be deleted on loop.
			5000	4.9.6 and later	
x32: (X32)\Video x64: (x64)\Video	FreeMbCritical	>0	100	4.8.4 to 4.9.5	Specifies free space in the section while loop recording.

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
			1000	4.9.5 and later	Sets critical free space; when the limit is reached archive is stored on another disk (if several disks are in use).
x32: (X32)\Video x64: (x64)\Video	ArchFreeMB	>0	-	4.8.8 and later	Specifies free space in the section while loop recording of reserve archive which is not in use for storing reserve archive and can be in use for recording temporary files. If key is not created, the value created by the FreeMB key is in use.
x32: (X32)\Video x64: (x64)\Video	GateNoRec	0, 1	0	4.7.3 and later	Defines whether the gate performs recording to the archive.
x32: (X32)\Video x64: (x64)\Video	Hide	0, 1	1	4.7.3 and later	Defines whether the "Hide Monitor" button is visible or hidden: 0 – hidden, 1 - visible.
x32: (X32)\Video x64: (x64)\Video	HideMask	0, 1	0	4.7.3 and later	Defines whether to hide the image with the mask filled with black.
x32: (X32)\Video x64: (x64)\Video	Hubslovspeed	0, 1	0	4.7.3 and later	For wavehub. Affects fps. Slows down the multiplexer stepping rate.
x32: (X32)\Video x64: (x64)\Video	HWCompression	-	3		The key is not in use.
x32: (X32)\Video x64: (x64)\Video	Index	-	2	4.7.3 and later	Shows whether file indexing is in use. The value is not to be modified as file indexing is always in use.
x32: (X32)\Video x64: (x64)\Video	InfinityAutoturn	-	-	up to 4.7.6	Defines on what Infinity cameras the autoturn is to be enabled (camera IDs are specified and separated by commas).
x32: (X32)\Video x64: (x64)\Video	IPCamPort	0 -65535	80	up to 4.7.6	Port for IP cameras; action available: connect via the specific port.
x32: (X32)\Video x64: (x64)\Video	IsPeriod	0, 1	0	4.7.3 and later	Defines the period of recording to the archive: 1 - value in the "Recording period" field is changed from "recording specified frames per 1 second" to "recording 1 frame per specified seconds" 0 – the feature is disabled.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	Layout	-	-	4.7.3 and later	The key cannot be modified.
x32: (X32)\Video x64: (x64)\Video	LH_Timeout	5-2147483647	5	4.7.3 and later	Time in seconds on the expiry of which it is considered that there is no connection with Linux Hub. Default value - 5 seconds. Time interval is calculated by formula $(LH_Timeout * 1000 / 5)$ ms, for reconnections to Linux Hub: the more the value the more unlikely the video stream reconnects to LH.
x32: (X32)\Video x64: (x64)\Video	ManualBrightnessControl	0, 1	1	4.7.7	Defines the way of brightness and contrast control for IP cameras: 1 - enable the manual brightness and contrast control; 0 - brightness and contrast are set in the camera interface.
x32: (X32)\Video x64: (x64)\Video	MaxFrames	500-10000	500	4.7.3 and later	Sets the number of frames in the file.
x32: (X32)\Video x64: (x64)\Video	Missed	0 - 2,147,483,647	Depends on the "mode" parameter of the video capture card	4.7.3 and later	Sets the video digitization rate. By default the rate is the same as for the video capture card.
x32: (X32)\Video x64: (x64)\Video	Mobile	-	0	up to 4.7.6	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	Monitor<monitor id>_cw	>=0		4.8.3	Sets the number of cameras across (the "All cameras" button).
x32: (X32)\Video x64: (x64)\Video	monitor<monitor id>_ch	>=0		4.8.3	Sets the number of cameras vertically (the "All cameras" button).
x32: (X32)\Video x64: (x64)\Video	monitor<monitor id>_w43	>=0	4	4.8.3	Sets the frame width (against the frame height).
x32: (X32)\Video x64: (x64)\Video	monitor<monitor id>_h43	>=0	3	4.8.3	Sets the frame height (against the frame width).

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	NewCompressor	0, 1	1	4.7.3 and later	Defines whether to use a new motionWavelet compressor: 0 - an old decompressor is in use; 1 - a new multistream one is in use.
x32: (X32)\Video x64: (x64)\Video	NewMD	0, 1	0	4.7.6 and later	Defines whether to use a new motion detection tool.
x32: (X32)\Video x64: (x64)\Video	Noallcamsbutton	0, 1	0	4.7.3 and later	Defines whether to show the "All cameras" button on the screen.
x32: (X32)\Video x64: (x64)\Video	NoLayoutControl	0, 1	0	4.7.5 and later	Disables F1 and F2 hotkeys (monitor ratio).
x32: (X32)\Video x64: (x64)\Video	No_main_panel	0, 1	0	4.7.3 and later	Defines whether to display control panel on the monitor.
x32: (X32)\Video x64: (x64)\Video	Nosign	0, 1	0	4.7.6 and later	Disables encryption of the digital signature to the frame.
x32: (X32)\Video x64: (x64)\Video	OldDriver	KV1999 KV2000 KV2001 KV2002 KV2003	Empty string	4.7.3 and later	Support for old ISS cards.
x32: (X32)\Video x64: (x64)\Video	Oldxeon	0, 1	0	4.7.6 and later	Support for old Xeon processors.
x32: (X32)\Video x64: (x64)\Video	Onevideoout	0, 1	0	4.7.3 and later	Defines whether video outs are combined on the FS6 video capture card.
x32: (X32)\Video x64: (x64)\Video	OnlyServerConnection	0, 1	0	up to 4.7.6	If the video gate is a recording one, then it is possible to enter the archive mode by the short click.

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	Overlay	-	1	up to 4.7.6	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	PostAlarmTime	>= 0	2	4.7.3 and later	Sets time (sec) on the expiry of which the alarm by detection tool on Axis IP cameras is not recorded.
x32: (X32)\Video x64: (x64)\Video	PreCompress	0, 1	1	4.7.3 and later	Defines whether to compress pre-recorded video.
x32: (X32)\Video x64: (x64)\Video	PrintFontSize	Any	0	4.7.3 and later	Sets the font size for printing.
x32: (X32)\Video x64: (x64)\Video	PriorityClass	256, 128, 32768, 32, 16384, 64	16384	up to 4.8.0	Defines the stream priority: 256 - realtime 128 - high 32768 - Above Normal 32 - normal 16384 - below Normal 64 - low
x32: (X32)\Video x64: (x64)\Video	Rbapp	-	-	4.7.3 and later	Specifies the path to the app run by right-click in the monitor.
x32: (X32)\Video x64: (x64)\Video	IndexRebuilding	0, 1	0	4.7.6 and later	Is used when index is being rebuilt. If the system detects IndexRebuilding=1 at start, then index is immediately rebuilt without trying to read idx files.
x32: (X32)\Video x64: (x64)\Video	ReCompressMedia	0, 1	0	from 4.7.3 to 4.9.0	Defines whether to enable recompression of video from IP camera (recompress data from IP camera into wavelet).
x32: (X32)\Video x64: (x64)\Video	Remote_delta	-	-	up to 4.7.6	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	RestoreMode	0, 1	1	from 4.7.4 HOTFIX	Defines whether to quit the archive upon time-out.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	ShowDate	0, 1	0	from 4.7.3 to 4.8.6	Defines whether to show the date on the video.
x32: (X32)\Video x64: (x64)\Video	ShowID<Monitor_number>	0, 1	1	4.9.0 to 4.10.1	Defines whether to show the Camera ID on the button to open Camera context menu. Example: ShowID3=0 – the camera number will not be displayed in context men for the third Monitor.
x32: (X32)\Video x64: (x64)\Video	ShowName<Monitor_number>	0, 1	0	4.7.3 to 4.10.1	Defines whether to show the Camera name on the monitor.
x32: (X32)\Video x64: (x64)\Video	ShowTime<Monitor_number>	0, 1	1	4.7.3 to 4.10.1	Defines whether to show the Time on the monitor.
x32: (X32)\Video x64: (x64)\Video	ShowTitle	0, 1	0	4.7.3 to 4.10.1	Defines whether to show the monitor name instead of the time on the control panel.
x32: (X32)\Video x64: (x64)\Video	ShowButtons<Monitor number>	0, 1	1	4.10.0 to 4.10.1	Sets if the buttons of camera number are displayed on the Surveillance monitor <Monitor_number>. If the monitor number is not specified, the buttons are not displayed on all monitors.
x32: (X32)\Video x64: (x64)\Video	ShowBorder<Monitor_number>	0, 1	1	4.10.0 to 4.10.1	Sets if the borders are displayed around the Surveillance monitor <Monitor_number>. If the monitor number is not specified, the border is not displayed on all monitors.
x32: (X32)\Video x64: (x64)\Video	Sigma	-	35	up to 4.7.6	Compressor setting.
x32: (X32)\Video x64: (x64)\Video	SnapShotTime	> 0	1	4.7.3 and later	Sets time (sec) between snapshots.
x32: (X32)\Video x64: (x64)\Video	Speaker	-	-	up to 4.7.6	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	Threshold	-	1500	up to 4.7.6	Compressor setting.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	TMDCorrelation	1-100 %	30	4.7.6 and later	Permissible minimum similarity between frames when they are considered to coincide. 100% for completely identical frames.
x32: (X32)\Video x64: (x64)\Video	TMDNonCorrectionStop	> = 0	1	4.7.6 and later	Number of incoming frames from PTZ camera upon STOP command; the decision to stop pointing (if there is no command to start motion) is made.
x32: (X32)\Video x64: (x64)\Video	TMDSpeed	-	3	up to 4.7.6	The key is not in use.
x32: (X32)\Video x64: (x64)\Video	TMDSpeedCutoff	0..∞	15	4.7.6 and later	Sets the limiting value of speed for camera with automatic centering.
x32: (X32)\Video x64: (x64)\Video	TMDTolerance	-	50	4.7.6 and later	Sets pointing accuracy (zone of tranquility). Corresponds to the value of area around stop point of PTZ camera (px).
x32: (X32)\Video x64: (x64)\Video	UseConfigureByWeb	0, 1	0	4.7.3 and later	Defines whether to use IP camera settings. When this key is enabled, the driver will try not to change parameters set on the camera. But behavior depends on specific camera+driver version+firmware combination.
x32: (X32)\Video x64: (x64)\Video	UseCompression.	0, 1	1	4.7.3 and later	Defines whether video compression is in use (UseCompression.camera ID).
x32: (X32)\Video x64: (x64)\Video	UseLowRefFramesFpsFix	0, 1	1	4.7.8 and later	Enables stream decompression with low key frame fps. Threshold fps value = 2.
x32: (X32)\Video x64: (x64)\Video	VideoDumpMode	0, 1, 2	0	4.7.8 and later	Sets the mode of video dump: 1 – provide all data; 2 – provide data about only those frames that caused errors or decoder failure while being decoded.
x32: (X32)\Video x64: (x64)\Video	VideoDumpPath	-	Intellect/ FrameDump	4.7.8 and later	Path to the folder where frames are stored.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\LMCGate x64: (x64)\LMCGate	ExportFrequency	-	-	up to 4.7.6	Sets time (sec) for updating buffer.
x32: (x32)\LMCGate x64: (x64)\LMCGate	EnableExport	0, 1	-	up to 4.7.6	Defines whether frame buffer is enabled.
x32: (x32)\LMCGate x64: (x64)\LMCGate	ExportPath	-	-	up to 4.7.6	Value is the path to the folder with exported frames.
x32: (X32)\Video x64: (x64)\Video	AdaptiveStream	0, 1	-	4.8.3HotFix	<p>The key can be used with multistream cameras only.</p> <p>1 - video stream is transmitted over the network if video from this camera is required. If video is not displayed on the Client, then there is no stream from the camera and the network is not loaded.</p> <p>Important! When the value of the key is 1, video is not recorded to the archive when the Video surveillance monitor is hidden. But recording is not stopped. In the result video archive fragment the period over which the Video surveillance monitor was hidden will look like a freeze frame.</p> <p>0 - video stream is transmitted over the network regardless of whether video from this camera is required or not.</p>
x32: (X32)\Video x64: (x64)\Video	ExtractWidth	0, 1	-	4.8.4	<p>0 – partial decompression for MotionWavalet is disabled (stream from cameras is enhanced).</p> <p>1 – partial decompression is enabled.</p>
x32: (X32)\Video x64: (x64)\Video	TelemetryMouseWheel	0, 1	-	4.8.4	<p>0 - digital image zooming and Telemetry zoom are performed using the mouse as described in 'Intellect software package. Operator guide'.</p> <p>1- digital zooming is performed scrolling the mouse wheel and pressing the Ctrl key. Telemetry zoom is controlled using the mouse wheel: when the wheel is scrolled, ZOOM_IN(ZOOM_OUT) commands are performed; the last mouse click performs ZOOM_STOP command.</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	ExportFontAdaptive	0, 1	-	4.8.7	The key sets the relative font size for titles (camera N and time) when the frame is exported: 0 - by default (no key). The size of titles stays the same when the frame is exported (regardless of resolution). 1 - the size of titles is scaled depending on resolution when the frame is exported.
x32: (X32)\Video x64: (x64)\Video	ClientArchMessage	0, 1	-	4.9.0	The key is in to enable the following events for MONITOR object: ARCH_ENTER - enter the archive; ARCH_EXIT - exit the archive; ARCH_FRAME_TIME - time of the frame (second is changed).
x32: (X32)\Video x64: (x64)\Video	DrawDetectorNumbers	0, 1	-	4.8.7	0 – identifiers of tracking objects are not displayed in the viewing tile (by default). 1 – identifiers of tracking objects are displayed in the viewing tile.
x32: (X32)\Video x64: (x64)\Video	DrawDetectorColors	0, 1	-	4.8.7	The key sets the color of the frame that marks out the tracking object in the viewing tile: 0 – white color. 1 – the color is calculated as the mean value in the area marked out with a frame.
x32: (X32)\Video x64: (x64)\Video	FaceCamOffset	>0	50000	from 4.8.8 to 4.9.7	The key specifies the max. possible camera identifier in the system. The bigger values are used for the face detection tool.
			2147483648	from 4.9.8	
x32: (X32)\Video x64: (x64)\Video	FontCamNameHeight	>=10	10	4.8.8	The key specifies the font size of the camera name when displaying it on the Video surveillance Monitor.
x32: (X32)\Video x64: (x64)\Video	FontCamTimeHeight	>=10	10	4.8.8	The key specifies the font size of the camera time when displaying it on the Video surveillance Monitor.
x32: (X32)\Video x64: (x64)\Video	ShowFileNameInTitles	0, 1	0	4.9.0	The key is used to add the name of the file to the titles using the virtual video device: 0 - the name of the file is not shown in the titles; 1 - the name of the file is shown in the titles (the Captioner object is to be created).

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	CorrectFrameNumber	0, 1	1	4.9.0	1 – key redefines frame numbers when archive is played back by Axxon_player.exe if frames are recorded to the archive with incorrect number. 0 – key is not active, frames are played in the order corresponding to their numbers in archive.
x32: (X32)\Video x64: (x64)\Video	DisappearedAlarmDuration	>0	15	4.9.0	Key specifies time-out in seconds after which “Disappearance in zone” detection alarm is discarded.
x32: (X32)\Video x64: (x64)\Video	LongInZoneTimeout	>0	10	4.9.0	Key specifies time-out in seconds which defines the duration of object appearance in zone, after which “Appearance in zone more than 10 sec” detection tool triggers.
x32: (X32)\Converter x64: (x64)\Converter	CheckCompressedSize	0, 1	1		The key allows decreasing time of exporting video in the avi format using the Converter.exe utility. If the key value is 0, then resolution check is disabled when exporting video in the avi format. If resolution check is disabled, then frames are not decompressed when being exported, but when resolution is changed, video artifacts can appear.
x32: (X32)\Video x64: (x64)\Video	FastPlayMpegSkip	0, 1	1	4.9.0 to 4.9.7	The key enables frame skip when there is fast playback of the archive in the h264 format. 0 – frame skip is disabled. If the fps value comes up to 50, the frame skip will be enabled regardless of the FastPlayMpegSkip key. 1 – only key frames are played back. 2 (only 4.9.7) – frame skip at fast playback is disabled regardless the fps value. <i>Note. It is also possible to configure frame skipping while playing back the archive – see also info on MonitorSkipArchFramesEnable registration key.</i>
x32: (X32)\Video x64: (x64)\Video	MonitorFrameBuffer	>=0	-	4.8.2	The key specifies the number of frames to buffer when displaying live video from IP cameras. The value of 5 is recommended.
x32: (X32)\Video x64: (x64)\Video	BoardFX4MaxChannels	0, 1	0	4.9.0	The key enables channel limitation for FX4 card. 1 – the limitation is enabled. It is not possible to set the channel number that is bigger than it is provided by the card. 0 or no key – the limitation is disabled.
x32: (X32)\Video x64: (x64)\Video	BoardFS6MaxChannels	0, 1	0	4.9.0	The key enables channel limitation for FX6 card. 1 – the limitation is enabled. It is not possible to set the channel number that is bigger than it is provided by the card. 0 or no key – the limitation is disabled.

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	TelemetryZoomStopTime	>0	1000	4.9.1	The key specifies the value of optical zoom duration (delay) in milliseconds.
x32: (X32)\Video x64: (x64)\Video	OnvifCompatibilityMode	0, 1	0	4.9.1	The key is for operation of cameras via the ONVIF protocol in the compatibility mode. It is used when the ONVIF protocol is partially supported by the camera. The key enables the compatibility mode for all cameras in the system.
x32: (X32)\Video x64: (x64)\Video	TelemetryPointAndClickDelay	>0	500	4.9.2	Sets the interval (in milliseconds) between sending Point&Click commands when controlling PTZ via surveillance monitor by clicking and holding left mouse button and the Ctrl key. See details in Operator's Guide .
x32: (X32)\Video x64: (x64)\Video	m_nCurVolume[FS]	>=0	0	4.7.6	The parameter is used for loop recording of Server archive in order to store the number of current disk for recording. The figures in ascending order correspond to the letters of the sections (e.g., 0=C, 1=D, 2=E etc.). If the parameter has not been created, then it is created at the moment of selecting the disk for recording the archive with the value of disk number which has the latest recorded archive fragment. When filling the disk, the parameter increases by 1.
x32: (X32)\Video x64: (x64)\Video	m_dwTime[FS]	Date in YYYY.MM.DD.HH.MM.SS format	1970.01.01.03.00.00	4.7.6	<p>The parameter is used for loop recording of Server archive. If the parameter has not been created, then it is created at the moment of selecting the disk for recording with the default value. When going to the new disk, the parameter value changes as follows:</p> <ul style="list-style-type: none"> When there is the archive on the disk, then the m_dwTime[FS] parameter equals the date of the latest recorded fragment. If the disk is empty (there is no archive on it), then the parameter's value is the default one. <p>The recording will be performed on the current disk until the file with the date specified in the m_dwTime[FS] key becomes an old one on this disk (if the disk wasn't primarily empty) or until the remaining free space on the disk becomes equal to that specified by the user (if the disk was primarily empty, see The settings panel for the Video subsystem section). Further the system will erase this file and go to the next disk.</p>
x32: (X32)\Video x64: (x64)\Video	m_nCurVolume[ARCH]	>=0	0	4.7.6	The parameter is used for loop recording of Backup archive. The parameter is similar to the m_nCurVolume[FS] parameter.
x32: (X32)\Video x64: (x64)\Video	m_dwTime[ARCH]	Date in YYYY.MM.DD.HH.MM.SS format	1970.01.01.03.00.00	4.7.6	The parameter is used for loop recording of Backup archive. The parameter is similar to the m_dwTime[FS] parameter.

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	ResetFastPlay	0, 1	-	4.9.2	<p>The key is not created by default, i.e. the value is 0.</p> <p>The key defines the playback speed if the playback is paused and then resumed at fast archive playback:</p> <p>0 – playback will be resumed with the same speed as before pause.</p> <p>1 - playback will be resumed with normal speed.</p>
x32: (X32)\Video x64: (x64)\Video	TelemetryMouseZoom	0, 1	1	4.9.2	<p>The key allows disabling the control of optical zoom function by mouse buttons.</p> <p>0 – control of optical zoom by means of long pressing of left or right mouse buttons is not functioned.</p> <p>1 - control of optical zoom by means of long pressing of left or right mouse buttons is functioned.</p>
x32: (X32)\Video\RTSPTimeout x64: (x64)\Video\RTSPTimeout	< camera manufacturer >	0-100	10	DriverPack 3.2.26.1489 and later	<p>Sets max. time interval at the end of which the following frame is sent through the video gate.</p> <p>Example: in order to limit the frame rate (to 0,01) of the stream transmitted through the video gate using the RTSP protocol, the "RTSP" parameter is to be created with value 100.</p>
x32: (X32)\Video x64: (x64)\Video	UnlimitMonitorSize	0, 1	0	4.9.3	<p>When the value=1, the key removes restrictions on the Monitor height and width. When the large size (more than 900%) is set for the Monitor window, then proper operation of <i>Intellect</i> is not guaranteed.</p>
x32: (X32)\Debug x64: (x64)\Debug	ShowDisplayingFps	0, 1	0	4.9.3	<p>When the value = 1, the key enables displaying information on fps in the first line of captions on the video image in the Viewing tile.</p> <p>Note. If the debug mode is enabled, the fps of the digitized video signal is displayed on the Monitor (see Frame rate settings), i.e. the key allows comparing these values.</p> <p>The Camera-based Captioner object is to be created in order to use this function.</p>
x32: (X32)\Video x64: (x64)\Video	StartPlayFromPFrame	0,1	1	4.9.3	<p>After using frame-by-frame reverse playback, when returning to the normal playback mode:</p> <p>0 – playback starts from the nearest previous key frame.</p> <p>1 - playback starts from the nearest previous key frame (difference, R frame).</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	UseServerTime	Comma-separated IDs of cameras in <i>Intellect</i> , or * <i>Note. Use all instead of * value in versions up to 4.9.8</i>	-	4.9.3	<p>Camera sets time of frame while video image transmission after which frames playback by turn depending on the time of frame. Sometimes camera sets incorrect time, so frames playback in invalid order because of bad communication quality or time of camera is not synchronized with server.</p> <p>The key sets list of IP-cameras for which time of frame will be set according to system time of the <i>Intellect</i> server while reading frames from the network.</p> <p><i>Note. The key can be used for cameras with absolute time (e.g. Tattile cameras). Other cameras synchronize with server time on default.</i></p> <p>Example. When the value of registry key is "1,10,135", time of Server will be applied on cameras 1, 10 and 135.</p> <p>If value of key is * then server time will be applied for all cameras. In <i>Intellect</i> 4.10.0 and later this value is considered as the value by default and is in use if the key is not created.</p>
x32: (X32)\Video x64: (x64)\Video	MxpegResetCounter	>=0	13	4.9.5 DP 3.2.30	<p>The key sets the number of key frames decompressed by MxPEG decompressor before they are returned. The waiting period of specified frames is 3 minutes, on the expiry of this period the decompressor is reinitialized.</p> <p>The key is in use if there is no video in <i>Intellect</i> when MxPEG codec operates with MxPEG decompressor. In this case the value of the key is to be reduced.</p>
x32: (x32)\Video x64: (x64)\Video	TelemetryMouseAlternative	0, 1	1	4.9.5	<p>0 – previously used Mouse PTZ control mode is in use. 1 – a new Mouse PTZ control mode is in use.</p> <p>See Mouse PTZ control.</p>
x32: (X32)\Video x64: (x64)\Video	TelemetryLineColor	4-byte RGB value Most significant byte - 4 = 0. byte 3 - R (0..255) byte 2 - G (0..255) byte 1 - B (0..255) Examples: blue color: LetterboxBackgroundColor = 255 white color: LetterboxBackgroundColor = 16777215	16777215 (white color)	4.10.4	<p>The key sets the color of the crosshair and the arrow line during PTZ control. See Mouse PTZ control.</p>
x32: (x32)\Video x64: (x64)\Video	ContinuousMode	Identifiers of cameras, divided by comma, for which continuous PTZ mode is enabled. Example: 2,3,1	-	4.9.5	<p>In the Continuous mode camera lens is re-focused slowly – arrow indicating the re-focus direction smoothly follows the pointer. To use the Continuous mode, the camera is to support this mode.</p> <p>In discrete mode (if the camera number is not specified in the key) re-focus of the camera objective depends on the area of the mouse click.</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	MonitorSkipArchFramesEnable	0, 1	0	4.9.0 to 4.9.4	The key enables frame skipping while playing back the archive.
			1	from 4.9.5 to 4.9.7 from 4.10.1	0 – all frames are displayed. If there is lack of resources, video delays and loss of synchronization with sound are possible, and the playback speed can be increased no more than 4 times (or no more than 60 fps). 1 – Depends on the version of <i>Intellect</i> : <ul style="list-style-type: none"> Version 4.10.2 and older: only key frames are played back at rate x4 and faster. Version 4.10.3 and later: only key frames are played back forward at rate x10 and faster and backwards at rate x6 and faster. <p><i>Note. See also info on FastPlayMpegSkip and MonitorForwardSkipSpeed registry keys.</i></p>
x32: (x32)\Video x64: (x64)\Video	TempWritingDir	Path to a folder	-	4.9.6 - 4.9.7	<p>The key specifies the path to the existing folder that will be used as a buffer while recording to the archive, e.g., C:\Temp. Temporary files with the name in the writing_<camera_id> format are created in the specified folder while recording. If the key hasn't been created, then such temporary files are created in the VIDEO folder on a disk with the archive.</p> <p>Important! When 64-bit modules are in use (see Configuring of using 64-bits modules) the key is ignored by the system and temporary files are created in RAM.</p> <p>When the recording is completed these files are renamed and moved to the folder with the archive according to the rules of archiving (see General information on video archiving).</p> <p>This key can be used when, for example, the archive is recorded to the net disk, but disk performance is not enough and it can't record new files and/or delete previous recordings recorded on loop.</p> <p>If in the key the path to a non-existing folder or a folder created after starting Intellect is specified, then the buffer is not in use.</p> <p>In the TempWritingDir folder there must be MORE free space, than maximum size of temporary files that are stored in it, i.e. the folder must NEVER be filled for 100%.</p> <p>There should be not less than 100 Mb of free space in TempWritingDir folder.</p> <p>To improve performance of data copying from TempWritingDir to NAS create TempWritingDir folder in RAM using special software, for example SoftPerfect RAM disk.</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	MpegWritingQueueSize	>0	-	4.9.6-4.9.7	These keys are used along with TempWritingDir key (see above). They specify the number of frames stored in RAM until data is stored in the buffer for Mpeg and MJpeg codecs respectively. This is necessary for frames not to be lost while copying files from the buffer to the main archive when the disk is full. Values of the keys are to be selected experimentally as they depend on the number and type of cameras as well as on NAS. The values are to be changed at 100 rate.
x32: (X32)\Video x64: (x64)\Video	MJpegWritingQueueSize	>0	25	4.9.6-4.9.7	
x32: (X32)\Video x64: (x64)\Video	ResetOSDLine	0, 1	0	4.9.7	The key is for enabling and disabling titling on the video image using the SC590N4 video capture device. 0 – OSD-captions of device are in use. 1 – OSD-captions of device are not in use. <i>Note. Restart of operating system can be required to apply settings while changing the key value.</i>
x32: (x32)\Video x64: (x64)\Video	VMDAEXT	0, 1	0	4.9.8	On default the key is not created that corresponds to value 0. The key is for separating VMDA tracker processes to the single process. It's recommended to do to increase stability and reliability of the <i>Intellect</i> basic functional. Used CPU resources and memory are increasing while separating trackers to the single process. 0 – process of VMDA trackers is starting in the video.run process. 1 – process of VMDA trackers is starting in the single detector_ext.run process. <i>Note. It's required to install the Intellect Detector Pack (version>=2.1.0) for correct key operation.</i>
x32: (x32)\Video x64: (x64)\Video	VMDAEXT.RAM	>0	300	4.9.8	The key is in use with the VMDAEXT key and sets the memory space in megabytes which can use the detector_ext.run process. The process will be restarted if allocated memory is exceeded.
x32: (x32)\Video x64: (x64)\Video	WritingQueueSize	>0	x32: 100 x64: default value is a maximal video length in frames (on default 500)	4.9.8	The key sets number of frames storing in RAM until start of data record to buffer. The key can be used with any codec. <i>Note. The key replaces MpegWritingQueueSize and MJpegWritingQueueSize keys (see above). Existing values of keys will be read while updating and the maximal value of them will be assigned to the WritingQueueSize key and old keys will be removed. If specified keys are not created, the default value will be assigned to the WritingQueueSize key.</i>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\ x64: (x64)\	ClearProtocolFromCurrentTime	0, 1	0	4.9.8	<p>The key is for changing the way of deleting archive of events at the end of storage period (see Configuring events logging):</p> <p>1 – storage period is counted from the current PC time. So if there are events "from the future" (date of which is later than the current date) in the archive of events, they are neither taken into account when deleting old entries nor deleted.</p> <p>0 – storage period of records is counted from the date of creation the newest record.</p> <p><i>Note. Deletion is performed at 00:00:00 in case of active license.</i></p>
x32: (x32)\Video x64: (x64)\Video	MemFile	-1, 0, 1	-1	4.9.8	<p>The key specifies the way of archive record to disk or network storage:</p> <p>0 – each frame is recording to disk at once. This value is not recommended to use for network storages.</p> <p>1 – at first video is recording to RAM (default video size is 500 frames, it's specified by the Ring parameter on the Settings panel of the Video subsystem section of the Tweaki.exe utility), temporary files are not created. Video will record on disk after its completion. When the recording ends, it is written to the disk in parts, the size of which is set by the WriteBufferSize parameter (1 MB by default). Memory consumption is highly increasing in this case.</p> <p>-1 – video is recording to disk by pieces in size 1 Mb. This way is optimal when recording to disk or network storage and memory consumption is minimal.</p>
x32: (X32)\Video x64: (x64)\Video	WriteBufferSize	>0	1	4.9.8	<p>The key specifies the size of video data chunk that is written to the disk at a time, in megabytes. If the frame size is less than the preset value, then it "merges" with the next one.</p> <p>The key is used when the value of the MemFile key is 1 or -1.</p> <p><i>Note. See WritingQueueSize.</i></p>
x32: (X32)\Video\AVI x64: (x64)\Video\AVI64	SubtitlesFontSize	>0	-	4.9.0	<p>Font size of captions with camera name and time while export from the Monitor.</p> <p><i>Note. Captions overlaid using the Captioner object are configured separately on the settings panel of the Captioner object.</i></p>
x32: (x32)\Video x64: (x64)\Video	TelemetryArrowLen	0 – 100	50	4.9.8	<p>The key specifies length of the arrow displayed on the video image at mouse PTZ control from the Monitor window. Arrow length is set in percent and counting from the end.</p>
x32: (x32)\Video x64: (x64)\Video	TelemetryStopZone	2 – 100	50	4.10.0	<p>The key sets the size of the zone in the center of the video where PTZ control functions using mouse are disabled. The less the key value the bigger the "dead" zone. The default value corresponds to the size of the cross in the center of Surveillance monitor during PTZ control.</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	ShowTelemetryCross	0, 1	1	4.10.0	The key is designed to enable and disable showing a cross in the center of Surveillance monitor during PTZ control. 1 – the cross is shown in the center of Surveillance monitor during PTZ control. 0 – the cross is not shown in the center of Surveillance monitor during PTZ control.
x32: (x32)\Video x64: (x64)\Video	GreenStreamUpdateTimeMS	>0	20000	4.10.0	The key sets time in milliseconds that equals to stream scan rate in order to optimize connection parameters. This key can be active only if the Video stream setting checkbox is checked (see Configuration of multistream video).
x32: (x32)\Video x64: (x64)\Video	TitlesOnlyArchive	0, 1	0	4.10.0	The key is designed to enable saving titles separately from video. 1 – titles are saved in files of *.t01 type separately from video. If there is time stamp in the titles, then these titles are not displayed in live video, but can be seen in the archive (for the corresponding period of time). Titles with no time stamp are displayed on live video 0 – titles are saved with video and are displayed on live video.
x32: (x32)\Video x64: (x64)\Video	ExportDirFixed	0, 1	0	4.9.9	The key allows forbidding change of export catalogue when the archive period is exported and when the archive is exported using the AviExport utility. 1 – export catalogue change is forbidden. 0 – export catalogue change is allowed.
x32: (x32)\Video x64: (x64)\Video	ShowBookmarkButtons	0, 1	1	4.10.1	The key is used to disable creating and editing of bookmarks meant for protection against video rewriting (see Create a bookmark). 1 – show Create and View bookmarks buttons. 0 – hide Create and View bookmarks buttons.
x32: (x32)\Video x64: (x64)\Video	ShowExportButtons	0, 1	1	4.10.1	The key is used to disable export of bookmarks meant for protection against video rewriting (see List of bookmarks). 1 – show bookmark export button. 0 – hide bookmark export button.
x32: (x32)\Video x64: (x64)\Video	ResizePrintingFrame	0, 1	0	4.10.1	The key sets the width of frame for printing: 1 – the frame is printed out so that it fits the full width of the page depending on the default layout (portrait or landscape). 0 – the frame is printed out not on the whole page.
x32: (x32)\Video x64: (x64)\Video	CycleByLayouts	0, 1	0	4.10.1	The key enables paging by layouts. 0 – standard paging. 1 – paging by layouts.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	EnableCodecSettings	0, 1	0	4.10.1	The key is in use for enabling compressor and decompressor on the settings panel of the Camera object . 0 – Compressor and Decompressor parameters are not available for changing. 1 – Compressor and Decompressor parameters are available for changing.
x32: (x32)\Video x64: (x64)\Video	PerspMaxObjects	>0	10	4.10.1	The key sets maximum calibration objects and background points that can be used when configuring perspective for the Tracker object (see Configuring perspective).
x32: (x32)\Video x64: (x64)\Video	VirtualGrabberSortMode	0, 1, 2	0	4.10.1	The key sets the order of playing back files when the virtual grabber is in use: 0 – sorting by the latest modification. 1 – sorting by name (lexicographic). 2 – sorting by creation time.
x32: (x32)\Video x64: (x64)\Video	SplitArchiveIntervals	>0	5000	4.10.1	The key is responsible for merging fragments when requesting the range of available archive recordings via HTTP API (see Ranges of available archive recordings). The interval is set in milliseconds. If the time between recordings is less than specified one, then recordings are merged into one.
x32: (x32)\Video x64: (x64)\Video	NotifyAbout_arch_days	0, 1	1	4.10.2	The key allows disabling the warning when the Store no less than parameter is set for more than 30% of cameras in the system (see also The Settings panel of the Camera object).
x32: (x32)\Video x64: (x64)\Video	archrecreatestart	0, 1	0	4.8.3 to 4.10.3	Enables restarting record on archive entering. 1 – patch that has been recorded on archive entering is stopped and a new one starts. As a result the user who enters the archive sees a freeze frame corresponding to that on exiting. 0 – recording is not stopped on archive entering The key is to be created on a Server.

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	MonitorArchPrevTimeSeconds	>=0	-1	4.10.4	<p>Enables restarting record on archive entering and sets time period in seconds (0 or more) to roll back from current time at archive entering and start playback from. All frames are forced to be recorded to the disk at archive entering, taking into account the pre-alarm recording.</p> <p>-1 – disabled (by default).</p> <p><i>Note. The key is to be created on a Server.</i></p> <p>If the key is set to "0", it works in the same way as archrecreate set to 1 (see above).</p> <p>If "1", "2", etc. is set, the key works in the same way as archrecreate set to 1, plus the time for positioning in archive is set.</p> <p><i>Note. If every 20th frame is a key frame, entering archive can take up to 2-4 sec., as all frames are warranted to be recorded on disk yet it is possible only if the key frame for the next clip is received in order to avoid gaps in the archive.</i></p>
x32: (x32)\Video x64: (x64)\Video	archenterpause	0, 1	0	4.8.3	<p>Enables pausing playback on archive entering.</p> <p>1 – the Pause button is pressed on archive entering, archive navigation using arrow keys.</p> <p>0 – the Pause button is not pressed on archive entering.</p> <p>The key is to be created on a Server.</p>
x32: (x32)\Video x64: (x64)\Video	FastIndex	0, 1	0 1	4.9.9 - 4.10.2 4.10.4 and later	<p>The key enables fast index download. It is in use for 64-bit modules only as memory usage increases while reading and saving.</p> <p>Non-depend on the key value the fastIndex.index file is created in the VIDEO folder - using this file indexes are downloaded much faster.</p> <p>0 – when <i>Intellect</i> is started all indexes are downloaded, so no time is wasted for data loading.</p> <p>1 – when <i>Intellect</i> is started the specified file is downloaded and data on detailed index for an hour will be loaded if required.</p>
x32: (x32)\Video x64: (x64)\Video	LButtonClickContinuousPlayEnable	0, 1	0	4.10.3	<p>The key changes the playback by alarms control mode in the Video surveillance monitor:</p> <p>0 - long left-click starts continuous playback of archive fragments, short click starts playback of the current selected archive recording only.</p> <p>1 - long left-click starts playback of the current selected archive recording only, short click starts continuous playback of archive fragments.</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	MonitorPlaybackControlBy MouseWheel	0, 1	0	4.10.3	<p>The key enables control of the playback speed of the archive in the Video surveillance monitor and pausing/resuming playback using the mouse wheel.</p> <p>0 - playback speed control using the mouse wheel is possible only when the cursor is hovered over the playback control panel. When hovering the cursor over the video, the mouse wheel controls the zoom. Clicking on the mouse wheel is used to control the telemetry (autocentering).</p> <p>1 - playback speed is adjusted using the mouse wheel while hovering the cursor over the Surveillance window. Clicking the mouse wheel pauses/resumes video playback.</p> <p><i>Note. See Video playback controls section in <i>Operator's Guide</i>.</i></p>
x32: (x32)\Video x64: (x64)\Video	ConnectOnlyByClient	0, 1	0	4.10.3	<p>The key disables video data transmission from the Server to the Videogate when video data via this Videogate is not requested on the Clients. The key is to be created on the computer under which the Videogate object is created.</p> <p>0 - video is transmitted from the Server to the Videogate constantly.</p> <p>1 - video is transmitted from the Server to the Videogate when video data via this Videogate is requested on the Client. If recording to Videogate archive is configured, then to disable video data transmission from the Server to the Videogate, when they are not requested on the Clients, the Active cameras recording checkbox is to be set checked on the settings panel of the Videogate object (see Configuring the record of the Videogate module archive). If this checkbox is set unchecked and recording to the Videogate archive is configured, then video data is transmitted to the Videogate constantly.</p>
x32: (x32)\Video x64: (x64)\Video	MaximizeCameraOnDbClick	0, 1	0	4.10.3	<p>The key enables transforming the Surveillance window into the single layout mode by left double-clicking. The key is created on the computer where the video is displayed and the described behavior of the video surveillance monitor is required.</p> <p>0 - by left double-clicking the size of the Surveillance window is increased by one layout.</p> <p>1 - by left double-clicking the size of the Surveillance window is increased to a single layout (only the selected Surveillance window is displayed in the Video surveillance monitor). Right double-clicking on the Video surveillance monitor restores the original layout.</p> <p><i>Note. In order for the original layout to be restored by left clicking, this key is to be used together with <code>MinimizeCameraOnDbClick</code>.</i></p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	MinimizeCameraOnDbIClk	0, 1	0	4.10.3	<p>The key is used together with the MaximizeCameraOnDbIClk = 1 key and it enables returning to the original layout after enlarging the video surveillance window by left double-clicking. The key is created on the computer where the video is displayed and the described behavior of the video surveillance monitor is required.</p> <p>0 - returning to the original layout is performed by right-clicking the Surveillance window.</p> <p>1 - returning to the original layout is performed by left-clicking the Surveillance window.</p>
x32: (x32)\Video x64: (x64)\Video	ContourAlways	*, all, IDs of cameras, comma-separated	-	4.10.3	<p>The key enables permanent outlining of moving objects on the video from the specified video cameras on all Video surveillance monitors to which it is added. The key is not created or created with an empty value - outlining is enabled by the Operator in the Surveillance window (see Outlining of moving objects).</p> <p>* or all - the permanent outlining of moving objects on all video cameras in on all Video surveillance monitors is enabled.</p> <p>Camera identifiers comma-separated (for example, "1,2,4") - permanent outlining of moving objects is enabled for cameras with the specified identifiers.</p>
x32: (x32)\Video x64: (x64)\Video	savemode	0, 1	-	4.10.3	<p>The key allows not changing the video surveillance mode of the active camera (archive or live video) when changing the layout and adding or removing cameras to the Video surveillance monitor.</p> <p>0 - when adding a new camera to the Video surveillance monitor and when removing cameras from it, the active camera switches into the live video viewing mode.</p> <p>1 - when adding a new camera to the Video surveillance monitor and removing the cameras from it, the active camera does not change the video surveillance mode (archive or live video).</p>
x32: (x32)\Video x64: (x64)\Video	clean_object_lists	0, 1	0	4.10.4	<p>The key defines if it is necessary to delete cameras from Video Surveillance Monitor list when the Camera object is deleted.</p> <p>1 - the Camera is deleted from the Monitor list on deletion.</p> <p>0 - the Camera is not deleted from the Monitor list on deletion. If the Camera object with the same ID is created again, it automatically appears in the Monitor list.</p>
x32: (x32)\Video x64: (x64)\Video	ShowDisconnectState	0, 1	0	4.10.4	<p>The key enables displaying a message about a connection failure instead of the last frame received.</p> <p>0 - When the connection to the camera is lost, the last received frame is displayed in the Surveillance window.</p> <p>1 - When the connection to the camera is lost, an image showing the disconnected state is displayed in the Surveillance window.</p>

Video					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video\D einterlace x64: (x64)\Video\D einterlace	monitor_id.camera_id, e.g. 4.1 – camera 1 on monitor 4.	1, 2	-	4.10.4	The key sets deinterlacing mode for the specified camera. By default, the key is not created and mode 1 is in use. In case if it is not productive enough, for example for Paxton intercoms, use mode 2.
x32: (x32)\Video x64: (x64)\Video	MonitorMultiDecompress	0, 1	1	4.10.4	<p>The key enables decompression of video on all available cores of the processor, thereby increasing the speed of video playback.</p> <p>0 - Video decompression is performed on one core of the processor.</p> <p>1 - Video decompression is performed on all available processor cores.</p> <p><i>Note. If Clients are present in configuration, set the key both on Intellect Server and Client side.</i></p>
x32: (x32)\Video x64: (x64)\Video	DisableReplaceCam	0, 1	0	4.10.4	<p>The key can be created to prohibit moving the Video Surveillance Windows on the layout in the Video Surveillance Monitor (either when the Control Panel is enabled or disabled).</p> <p>0 – changing the position of the Video Surveillance Windows on the layout is allowed.</p> <p>1 – changing the position of the Video Surveillance Windows on the layout is prohibited.</p>
x32: (X32)\Video x64: (x64)\Video	EnterEdgeStorageDirect	0, 1	0	4.10.4 and later	<p>The key enables the user redirection to the "edge storage" after pressing the Enter archive button.</p> <p>0 - after pressing the Enter archive button, the user is redirected to the video archive.</p> <p>1 - after pressing the Enter archive button, the user is redirected to the "edge storage" if there is one, and if it is connected to the camera in the Video Monitor.</p> <p>The key should be specified on those computers where this option is required.</p>
				4.10.5 and later	The key ALSO enables the user redirection to the external archive on pressing the Tab hotkey in the Video Monitor.
x32: (X32)\Video x64: (x64)\Video	TouchScreenUpdateTimeout	>= 0	0	4.10.5 and later	The key sets the Play button hold time in milliseconds to enable the continuous video archive playback on the touch screen.
x32: (X32)\Video x64: (x64)\Video	ShowNoDisclconInMonitor	0, 1	1	4.10.5 and later	<p>Using this key you can hide the "no disk" icon from being displayed in the Monitor if no disk is selected for recording.</p> <p>0 – if no disk is selected for recording, the "no disk" icon is not shown.</p> <p>1 – if no disk is selected for recording, the "no disk" icon is shown in the Monitor.</p> <p><i>Note. You should use this key on all computers where the "no disk" icon has to be hidden from being displayed in the Monitor.</i></p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	DisableTelemetryOnDeactivate	0, 1	0	4.10.5	<p>0 – if enabled, PTZ control remains active after you hide its window or switch to another screen.</p> <p>1 – if enabled, PTZ control becomes inactive after you hide its window or switch to another screen; you can reactivate it manually.</p> <p>Refer also to Mouse PTZ control.</p>
x32: (x32)\Video x64: (x64)\Video	nosynt	0,1	0	4.10.5	<p>This key disables ActiveX's (refer to CamMonitor.ocx ActiveX Control) video stream recalculation to fit the display window and forces video display in its native resolution. Therefore, when you export a frame from an ActiveX window called from the Event Log or the Web Reports subsystem, you'll get full resolution frame from either live video or stored footage.</p> <p>0 – ActiveX optimizes the video resolution to its window size.</p> <p>1 – ActiveX displays video in its native resolution.</p>
x32: (x32)\Video x64: (x64)\Video	ApplyChinaEastWestFix	0, 1	0	4.10.5	<p>This key allows flipping the camera icon on the map while you rotate it.</p> <p>0 – standard behavior.</p> <p>1 – the Map receives panning value as CAM XXXX UPDATE_ABSOLUTE which flips the camera icon while you rotate it.</p>
x32: (x32)\Video x64: (x64)\Video	UseNuma	0, 1	0	4.10.5	<p>This key affects the allocation of virtual memory in multi-CPU systems.</p> <p>0 – uniform allocation of virtual memory.</p> <p>1 – NUMA allocation for optimal distribution of CPU load between multiple CPUs within a PC.</p> <p><i>Note. Before changing this key, please consult your AxxonSoft manager.</i></p>
x32: (x32)\Video x64: (x64)\Video	MonitorForwardSkipSpeed	>0	12	4.10.4 and later	<p>The key operates together with the MonitorSkipArchFramesEnable key (see above). It enables the accelerated playback on reference frames after the specified speed during the 1-camera playback. If the odd number is set as the key value, then the accelerated playback on reference frames will start at an even speed, minus 1 from the entered number.</p>
x32: (x32)\Video\FileSystem x64: (x64)\Video\FileSystem	FileReader.MMF	0, 1	0	4.10.4 and later	<p>0 - during the playback, the video archive fragments are read into RAM by one frame.</p> <p>1 - during the playback, the video archive fragments are read into the RAM all at once.</p>
x32: (x32)\Video x64: (x64)\Video	NoSaveTitles	0, 1	0	4.10.5	<p>The key disables storing captions in the captions database:</p> <p>0 – the captions are saved in the captions DB.</p> <p>1 – the captions are not saved in the captions DB.</p>

Video

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video x64: (x64)\Video	<Grabber name.MaxChannels> For example: RTSP.MaxChannels, HikVision(h.264).MaxChannels <i>Note. Both new and old grabber names are supported. The comparison is case sensitive.</i>	>0	-	4.10.4 and later, and DP 3.52.24 23 and later	The key sets the maximum number of camera channels under the manually created Video Capture Device object for the specified device (grabber). By default, the maximum number of channels is 64.

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Audio

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Audio x64: (x64)\Audio	Gain_control	0, 1, 2	-	up to 4.7.6	Sets the volume control parameter: 0 - no volume control; 1 - integer processing (less accurate, but faster); 2 - extra accuracy (CPU overload is possible if there are a lot of channels).
x32: (X32)\Audio x64: (x64)\Audio	Max_file_len_sec	>= 0	600	4.7.4 and later	Defines max. length of audio file (sec) when recording via audio player.
x32: (X32)\Audio\Card\«Card Name» x64: (x64)\Audio\Card\«Card Name»	mix	0, 1	0	4.7.4 and later	Sets input mixing.
x32: (x32)\Audio x64: (x64)\Audio	AudioStreamLoggerEnable	0, 1	0	4.9.8 and later	0 – logging is disabled. 1 or other value different from 0 – streams logging is enabled. The module restart is not required to change the key value.

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Core

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
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x32: (x32) x64: (x64)	ChangePort	>= 0	Depends on the port specified for the Client.	4.7.3 and later	Allows changing the port number. For instance, if it is necessary to change port 20900 to 40900, then 20900="40900" string parameter is created. The change of this parameter can affect the system.
x32: (x32) x64: (x64)	CheckPingPeriod	> 0	10	4.7.4 to 4.10.2	Sets Server-computer ping period. <i>Note. In Intellect since version 4.10.3 this parameter is set on the settings panel of the Security zone object.</i>
x32: (x32) x64: (x64)	CheckVersion	0, 1	0	4.7.4 and later	Sets the parameters of Server connection: the version is checked in <i>connected version</i> parameters. If versions do not agree, then there is a corresponding message and no connection.
x32: (x32) x64: (x64)	Core IP Address	IP address	-	4.7.3 and later	Address of the computer to the core of which the slave.exe is to connect.
x32: (x32) x64: (x64)	DBAttempts	1..∞	10	4.7.3 and later	Number of attempts to connect to database.
x32: (x32)\Debug x64: (x64)\Debug	DebugLevel	0,1,2,3,4	0	4.7.3 and later	Sets the debug mode: 0 – disabled; 1 – information is shown in the process window; 2 – information is shown in the process window and logged; 3 – extended log is written – it contains module events; 4 – extended log is written – it contains module events and parameters.
x32: (x32)\Debug x64: (x64)\Debug	DebugExtension	Any string	LOG	4.7.3 and later	Sets extensions of log files.
x32: (x32)\Debug x64: (x64)\Debug	DebugFlushPeriod	>= 0	500	4.7.4 and later	Sets the update rate for log files (ms).
x32: (x32)\Debug x64: (x64)\Debug	DebugOptions	Range in <i>decimal</i> system: 0-255.	0x001 (i.e. 1)	4.7.3 and later	Hexadecimal logging in the debug mode. This parameter has a complex structure (bit mask) and it is modified using the Tweaki.exe utility.
x32: (x32)\Debug x64: (x64)\Debug	DebugQueueMaxLines	0 - 2147483647	2000	4.7.4 and later	Specifies max. number of messages in a queue to log file. If there are more than 500 log lines in the queue, then they are to be scaled.
x32: (x32)\Debug x64: (x64)\Debug	DebugSize	>=100	100	4.7.3 and later	Specifies the number of megabytes provided for log. Restricted by disk capacity.

x32: (x32)\DebugTime x64: (x64)\DebugTime	DebugTime	0-2147483647	48	4.7.3 and later	Specifies the number of hours for keeping log files.
x32: (x32)\DebugZipDays x64: (x64)\DebugZipDays	DebugZipDays	>0	2	4.7.5 and later	Specifies the number of days for keeping log files in the gz format.
x32: (x32)\defaultconnection x64: (x64)\defaultconnection	defaultconnection	0, 1	1	4.7.4 and later	Allows setting connections in the architecture only with the computer where the Computer object is created.
x32: (x32)\DisableProtocol x64: (x64)\DisableProtocol	DisableProtocol	0, 1	0	4.7.3 and later	Allows disabling protocol.
x32: (x32)\DisableThreadStatQueue x64: (x64)\DisableThreadStatQueue	DisableThreadStatQueue	0, 1	0	4.8.0 and later	<p>By default the key is not created.</p> <p>Defines whether the queue statistics is called or not. If the registry key value=1, then the box can not be called.</p> <p>To call the Queue statistics box, follow the steps:</p> <ul style="list-style-type: none"> • <i>Intellect</i> 4.9.2 and older – press F2 • <i>Intellect</i> 4.9.3 and later – press Alt+F2 key combination
x32: (x32)\InstallFolder x64: (x64)\InstallFolder	InstallFolder		Intellect	4.7.3 and later	Specifies the installation folder.
x32: (x32)\Ip_port x64: (x64)\Ip_port	Ip_port	0, 1		up to 4.7.6	Specifies the port using which the IP camera will operate on the Computer object.
x32: (x32)\Language x64: (x64)\Language	Language	0x0419	-	4.7.3 and later	Specifies the language to use (0x0419 - English).
x32: (x32)\LogIncommingMsg x64: (x64)\LogIncommingMsg	LogIncommingMsg	0, 1	not created	up to 4.8.0	Defines whether logging of incoming events is enabled or not.
x32: (x32)\LogOutgoingMsg x64: (x64)\LogOutgoingMsg	LogOutgoingMsg	0, 1	not created	up to 4.8.0	Defines whether logging of outgoing events is enabled or not.
x32: (x32)\LogStatistics x64: (x64)\LogStatistics	LogStatistics	0, 1	not created	up to 4.8.0	Defines whether the statistics is logged or not.
x32: (x32)\OnlyLocalProtocol x64: (x64)\OnlyLocalProtocol	OnlyLocalProtocol	0, 1	0	4.7.3 and later	Only local events are logged.
x32: (x32)\PeakWorkingSetSizeQuota x64: (x64)\PeakWorkingSetSizeQuota	PeakWorkingSetSizeQuota	>=0	0	4.8.1 and later	Sets RAM limit (MB). When this limit is exceeded, the module that exceeded this limit will be restarted in the restart service.

x32: (x32) x64: (x64)	PhotoCores	Name or IP address	-	4.7.3 and later	The list of computers (cores) for mailing user photos.
x32: (x32) x64: (x64)	PriorityClass	256, 128, 32768, 32, 16384, 64	16384	4.7.3 and later	Defines the stream priority: 256 - realtime 128 - high 32768 - Above Normal 32 - normal 16384 - below Normal 64 - low
x32: (x32) x64: (x64)	ShowCrashMessage	0, 1	0	4.7.5 and later	Create or not the module crash message.
x32: (x32) x64: (x64)	SyncTime	0, 1	0	4.7.3 and later	Defines whether to synchronize time between computers or not.
x32: (x32) x64: (x64)	Topmost	0, 1	1	4.7.4 and later	Sets the splash screen location: 1 - splash screen is topmost; 0 - screen is hidden behind other windows. This key is applied for splash screen on the Server/Remote Administrator's workplace for <i>Intellect</i> versions older than 4.10.0, for versions newer 4.10.1 - both on the Server/Remote Administrator's workplace and on the Client.
x32: (x32) x64: (x64)	Type_view_dept_log	0,1,2	0	4.7.4 and later	Specifies displaying the name of department in the log: 0 - do not add: Ivanov Ivan Ivanovich; 1 - add to the beginning: [Sales department] Ivanov Ivan Ivanovich; 2 - add to the end: Ivanov Ivan Ivanovich [Sales department].
x32: (x32) x64: (x64)	URAttempts	0 - 10000	3	4.7.3 and later	Sets the number of attempts to enter the user password .
x32: (x32) x64: (x64)	URDelay	0 - 10000	60	4.7.3 and later	Sets the delay period (sec) for re-entering the system.
x32: (x32) x64: (x64)	virtualgrabber	0, 1	0	4.7.6 and later	Defines whether it is possible to create a virtual video capture card or no.
x32: (x32) x64: (x64)	SyncNotEmpty	0, 1	0	4.8.5 and later	Defines the database synchronization algorithm: 1 - fast synchronization algorithm is in use; 0 - standard synchronization algorithm is in use.
x32: (x32)\Debug x64: (x64)\Debug	counter_period	>=0	0	4.9.0 and later	Defines the time period in seconds, in which information about availability of processor, memory and disk is recorded to the log-file. If the value of parameter is 0, this information is not included to the log-file.

x32: (x32) x64: (x64)	settings_height	>0, depends on screen resolution	438		Sets the height of the object settings panel (in pixels).
x32: (x32) x64: (x64)	settings_width	>0, depends on screen resolution	600		Sets the width of the object settings panel (in pixels).
x32: (x32) x64: (x64)	ATMSendSetup	0, 1	1	4.9.3	0 – receiving of the SETUP reaction from the ATM object is disabled on the computer where this key is specified. 1 - receiving of the SETUP reaction from the ATM object is enabled on the computer where this key is specified.
x32: (x32) x64: (x64)	RegisterF10andF11	0, 1	1	4.9.2	1 - F10 and F11 hot keys are in use to control screen displaying (see Main control panel section). 0 - F10 and F11 hot keys are not in use to control screen displaying. <i>Note. When the key is changed Intellect restart is required.</i> <i>To disable F10 and F11 hot keys on the Administrator Remote Workplace, the key is to be created in the HKEY_CURRENT_USER Software ITV Intellect registry section.</i> <i>To disable F10 and F11 hot keys on the Administrator Remote Workplace when operating under the Admin account, he key is to be created in the same registry section as on Server (x32)/(x64).</i>
x32: (x32) x64: (x64)	DisableF8	0, 1	0	4.10.4	0 - F8 hot key is in use to call the Execute menu on the main control panel. 1 - F8 hot key is not in use. <i>Note. To disable F8 hot key on the Administrator Remote Workplace, the key is to be created in the HKEY_CURRENT_USER Software ITV Intellect registry section.</i> <i>To disable F8 hot key on the Administrator Remote Workplace when operating under the Admin account, he key is to be created in the same registry section as on Server (x32)/(x64).</i>
x32: (x32) x64: (x64)	check_digital	0, 1	0	4.8.0	When the key value = 1, video or archive period is exported from the Monitor interface using the admin password.
x32: (x32) x64: (x64)	CONNECT_ATTEMPTS	>=1	1	4.9.4	The key sets the number of attempts to connect the Client to Server. The key is specified on the side of the Client.
x32: (x32) x64: (x64)	FLUSH_TIMER_TIMEOUT	>0	By default the key is not created , the value is 10.	4.9.4	The key specifies maximum waiting time (in milliseconds) before sending data over the network. The higher the value of this parameter, the more productive the system is (due to decreasing resources when sending a large amount of small messages). However, time of response to events can also increase.
x32: (x32) x64: (x64)	UnloadDelay	0 to 60000 ms	5000	4.9.5	The key sets the delay between disabling Guardant and unloading <i>Intellect</i> . The delay is essential for the FORCED_OFF event generation of the SLAVE object and in case this event is used in scripts or programs, these scripts and programs are executed. If UnloadDelay = 0, unloading is performed without any delays, i.e. script/program in which the specified event is used, cannot execute.

x32: (x32) x64: (x64)	SortSubItems	0, 1	1	-	<p>The key is for specifying the way of sorting the objects in the tree:</p> <p>0 – sorting by name.</p> <p>1 – sorting by ID.</p> <p><i>Note 1. If sorting by name is chosen, and there are numbers in the object name, then the objects will be sorted in alphabetical order. For example, an object with the name "115" will be above the object with the name "15", because in the name "115" the second number is 1, and in the name "15" the second number is 5.</i></p> <p><i>Note 2. This key also affects the sorting of objects in the tree when adding the objects to a layer in the Map Editor utility.</i></p>
x32: (x32) x64: (x64)	RestPort	0 - 65535	10112	from 4.10.1 to 4.10.2	Sets the port through which <i>Intellect</i> receives events and reactions via HTTP request. See also Sending reactions and events to Intellect using HTTP request .
			0	from 4.10.3	
x32: (x32) x64: (x64)	ShowSmallBarAlways	0, 1	0	4.10.1	<p>The key enables displaying the main control panel of <i>Intellect</i> on the screen.</p> <p>0 – the main control panel is displayed when pointing to the upper right corner of the screen.</p> <p>1 – the main control panel is always displayed in the upper right corner of the screen.</p>
x32: (x32) x64: (x64)	UpdateProtocolPeriod	> 0	-	4.10.2	<p>Sets time period (in days) of storing the change protocol in the database.</p> <p>The storing period is counted from the last recording or starting from the current time depending on the value of the ClearProtocolFromCurrentTime key (see above).</p> <p>Recordings storing period of which has expired are deleted at midnight every 24 hours in case the license is activated.</p>
x32: (x32) x64: (x64)	permissible_memory_limit	>0	-	4.10.3	The key sets the occupied memory threshold, reaching which the core starts receiving messages with a delay. The key should be used when due to excessive memory consumption, the module shuts down.
x32: (x32) x64: (x64)	MsgCompressOn	0, 1	0	4.10.3	<p>The key enables the compression of transmitted messages:</p> <p>0 - compression is disabled.</p> <p>1 – messages from the cores are sent compressed (zip with maximum compression). Compression allows reducing the network load.</p>
x32: (x32) x64: (x64)	user_card_info_on	0, 1	0	Intermediate versions 4.10.3	<p>The key is used with the ACS/FAS integration modules that are the part of ACFA <i>Intellect</i>. It enables displaying the access card number for all events associated with the cards in the Event Viewer.</p> <p>0 - the access card number is not displayed in the Event Viewer.</p> <p>1 - when an event comes from the ACS device, the param1 parameter is interpreted as an access card number and is displayed in the Event Viewer in the Card column. This column is automatically added to the Event Viewer window when the first such event is received.</p> <p><i>Note. In the released version 4.10.3 to show and hide the Card column use the Hide Card checkbox – see Event viewer parameters.</i></p>
x32: (x32) x64: (x64)	CriticalErrGui	0, 1	0	4.10.3	<p>It enables displaying messages about database connection errors regardless the debugging mode (see the description of the Debug key and Selecting and enabling the debug mode of Intellect software section).</p> <p>0 - messages about database connection errors are displayed only at Debug 4 debugging levels.</p> <p>1 - messages about database connection errors are displayed regardless the selected debugging level.</p>

x32: (x32) x64: (x64)	IntellectCloseTimeout	>0	60000	4.8.3	It sets <i>Intellect</i> close timeout in milliseconds. If intellect.exe process does not close during this timeout, then it is terminated forcefully. If there is no key, then timeout is 60 seconds.
x32: (x32) x64: (x64)	SaveIncommingMsg	0, 1	0	4.7.8	It enables recording of incoming messages to log files for started modules. The file name looks like <module name>.exe.cd.log. These files are stored in the same folder as the executed module file, for instance, for intellect.exe the intellect.exe.cd.log file is stored in the <i>Intellect</i> installation directory and for itvscript.exe the itvscript.exe.cd.log file is stored in the Modules folder. When the size of the log file exceeds 4 GB, it is archived to the backup file with .bak extension - <module name>.exe.cd.log.bak. This is necessary to avoid module overload. <i>Note. The log file is rewritten when Intellect is restarted.</i> 0 – recording of incoming messages is disabled. 1 – recording of incoming messages is enabled.
x32: (x32) x64: (x64)	BackupFolder	Address of a local or network folder	-	4.7.6	Specifies the address of the folder to save a backup copy of the database created by a macro or using the idb.exe utility. For example, C:\Documents and Settings\AVP\Desktop\Backup If the database copy is to be stored on the network disk, then the UNC path to the network folder (with the recording access) is to be specified on the disk in the \\ServerName\ShareName format. Take into account the fact that all network resources that require additional authentication are to be enabled using the same username as for running the SQL Server service. See also Creating the database backup copy
x32 and x64: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon	Shell	Any text value	explorer.exe	4.10.5	If the key value contains the "explorer" string (for example, the default value, "testexplorertest" or "123explorertest125" values), the Save button is displayed in the About program... window. Otherwise, the Save button is hidden.
x32: (x32)\IntellectRunService x64: (x64)\IntellectRunService	IntellectUserGroup	Any text value		from 4.10.0	If <i>Intellect</i> is installed as a Service, and you need to use a user group other than IntellectUsers, then specify the required user group name in this key.
x32: (x32) x64: (x64)	monitor_refresh_delay	10 - 3000	3000	from 4.10.5	The key sets a period in milliseconds to update video on Video Surveillance Monitors of the Clients after Failover Service has transferred configuration. If the key value is less than 500, the monitors are updated regardless of the number of cameras. If the key value is more than 500 and the number of cameras on the monitor is more than 64, the update does not occur while the System Settings dialog box is open.
x32: (x32) x64: (x64)	DisableUpdateProtocol	0, 1	0	from 4.7.5	The key disables the filling of the UPDATE_PROTOCOL table storing information about changes of <i>Intellect</i> object settings (except the User objects). 0 – the UPDATE_PROTOCOL table is filled. 1 – the UPDATE_PROTOCOL table is not filled.

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Telemetry

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	Delay	>= 0	250	4.7.3 and later	<p>Defines the delay (ms) when sending commands to the camera. This key is essential for scaling the stream of commands to the device as some devices can be blocked because of too many commands and cannot process the information.</p> <p>This parameter is not supported by IP cameras.</p>
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	JoystickThreshold	>= 0	5	4.7.6 HOT FIX and later	<p>This parameter sets the joystick trigger threshold: the less the number is, the more sensitive joystick is.</p> <p>0 value is not recommended to be used, as commands can be sent randomly. When the value is too big, the joystick becomes rotation-insensitive.</p>
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	max_speed	0-10	-	4.7.3 to 4.9.7	Sets max. camera speed.
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	min_speed	0-10	-	4.7.3 to 4.9.7	Sets min. camera speed.
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	PriorityDelay	>= 0	30000	4.7.3 and later	Defines the priority delay (ms).
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	UseBoschOSRD40	0, 1	-	4.8.4 and later	Enables presets saving for Bosch-Autodome control protocol.
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	PnPJoystick	0, 1	0	4.8.3 and later	<p>The key defines whether to restart Intellect after connecting a joystick:</p> <p>0 - Intellect is to be restarted after connecting the joystick. 1 - Intellect is not to be restarted after connecting the joystick.</p>
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	Zenable	0, 1	1	4.7.7 and later	The key is in use with joysticks (e.g., Logitech Attack 3) where the telemetry control operates incorrectly because of shifted Z axis. Z axis is disabled when the parameter value is 0. Z axis is enabled when the parameter value is 1.
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	ZoomSpeed850	0,1	1	4.9.0 and later	<p>The key is used in order to set the zoom step when panasonic-850 telemetry protocol is in use:</p> <p>1 – zooming with 50% step of max. possible 0 – zooming with 20% step of max. possible</p>

x32: (X32)\ TELEMETRY x64: (x64)\TELEMETRY	Zdirection	0, 1	0	4.7.6	The key is responsible for coordinate move in the Z-direction.
x32: (X32)\ TELEMETRY x64: (x64)\TELEMETRY	Ydirection	0, 1	0	4.7.6	The key is responsible for coordinate move in the Y-direction.
x32: (X32)\ TELEMETRY x64: (x64)\TELEMETRY	Xdirection	0, 1	0	4.7.6	The key is responsible for coordinate move in the X-direction.
x32: (X32)\ TELEMETRY x64: (x64)\TELEMETRY	WaitDelay	>=0	0	4.7.5	If a joystick sends the messages about its state to <i>Intellect</i> too frequently and <i>Intellect</i> has no time to process these messages, then this parameter is in use – it allows calling the signal handler less frequently. For instance, this parameter should be used with Axis 295 joystick. The best parameter value is to be chosen. The value should match the 100 – 300 range.
x32: (x32)\ TELEMETRY x64: (x64)\TELEMETRY	TelemetryDirectCommand	0, 1	1	4.9.8	The key specifies way of command transmission to telemetry: 1 – telemetry server is connected to video servers and sends commands to devices. 0 – telemetry server sends commands to the <i>Intellect</i> core which send them to devices. See also description of the MonitorToTelemetryDirectCommand key below.
x32: (x32)\ TELEMETRY x64: (x64)\TELEMETRY	MonitorToTelemetryDirectCommand	0, 1	0	4.9.8	The key specifies way of transmission telemetry commands while control from the Monitor: 1 – telemetry server is connected to video servers and sends commands to devices while telemetry control from the Monitor. 0 – telemetry server sends commands to the <i>Intellect</i> core which send them to devices while telemetry control from the Monitor. The key is in use with the TelemetryDirectCommand key to provide smoother telemetry control. Recommended values of these keys: TelemetryDirectCommand = 1 (default value) MonitorToTelemetryDirectCommand = 1 (attention: default value is 0) Attention! Client, server and camera should be in one subnet without video gate when using these registry keys. Otherwise, system will not operate.
x32: (x32)\ TELEMETRY x64: (x64)\TELEMETRY	SendEventToCore	0, 1	0	4.10.0	The key is to enable the function of sending events to <i>Intellect</i> core when controlling PTZ. This function is essential for PTZ control audit. 1 – when sending any reaction of TELEMETRY object the corresponding event is generated. 0 – during PTZ control events are not generated.

x32: (X32)\Video\CommonPresets x64: (x64)\Video\CommonPresets	ONVIF	0, 1	0	4.10.0	<p>The key enables presets created on the camera in <i>Intellect</i>. The function is only available when camera is connected via ONVIF protocol and only if video server settings are selected when adding a Video capture device using the Camera discovery tool and the Use device settings checkbox is set unchecked on the settings panel of the Video Capture Device object.</p> <p>0 – presets created on the camera are not used in <i>Intellect</i>.</p> <p>1 – presets created on the camera are in use in <i>Intellect</i>. The features are listed below:</p> <ol style="list-style-type: none"> 1. The preset ID on the camera is to be the same as the preset ID in <i>Intellect</i> or differ by 1 depending on the camera features (see item 2). 2. As preset numeration starts differently on various cameras (with 0 or 1), then preset numbers can differ by 1 in <i>Intellect</i>. If the numeration on the camera starts with 0, then numeration in <i>Intellect</i> is the same. If the numeration on the camera starts with 1, then numeration in <i>Intellect</i> is greater by 1 (for instance, the first preset on the camera corresponds to the second in <i>Intellect</i> and the first in <i>Intellect</i> is not active).
x32: (x32)\TELEMETRY x64: (x64)\TELEMETRY	panas850_stop_duplicates	>0	-	4.10.2	The key is in use if the camera rotation is not stopped when telemetry is controlled over Panasonic-850 protocol. The key specifies how many times the stop command is to be duplicated.

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Player

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Player x64: (x64)\Player	Wav_delay	>= 0	0	4.7.3 and later	Defines the sound delay (sec) when playing back synchronously video with the sound.

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Event log

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\EventViewer x64: (x64)\EventViewer	Overlay	0, 1	1	4.7.3 and later	Defines whether to use overlay.
x32: (X32)\EventViewer x64: (x64)\EventViewer	Topmost	0, 1	0	4.7.3 and later	Defines whether to display event log as topmost window: 0 - standard window; 1 - topmost window.

x32: (X32)\EventViewer x64: (x64)\EventViewer	UserActivityTimeout	>0	3	4.10.3	It sets the time period in minutes, after which, if there is no user activity, automatic scroll to the end of the event list when new events arrive is enabled in the Event Viewer window. If 0 is specified, then automatic scroll is disabled.
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Disabling system objects

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Subscribe x64: (x64)\Subscribe	OBJECT_NAME	(*) (No.*) (No. No)		4.7.3 and later	Describes rules for system starting. Unimplemented system objects are disabled. You should create a string parameter with the name that is used by the system of the object that is to be disabled and specify its ID separated by a full stop. Example: DEPARTMENT.1: «0» - disable, «1» - enable The “.” parameter can be used - in this case all objects with “DEPARTMENT” name are disabled. Take into account that parameter with the ID is of a higher priority than the “.” parameter. So there is no need to describe all objects by listing their IDs if there are a lot of objects that are to be disabled. You can just set 0 value to the “.” parameter and list the objects that are not to be disabled. All values are to be written in capital letters. This registry section is applied to all system objects.

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IP integration (drivers and codecs pack for Intellect)

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	ArchiveFps	1-24		4.7.5 and later	Sets the number of frames recorded to the archive (max.resolution). LiveFps and ArchiveFps parameters are not to exceed 24 in total.
x32: (X32)\Video x64: (x64)\Video	ArecontVision	0, 1		up to 4.8.0	Enables the protocol for integrating Arecont cameras. The key is not in use.
x32: (X32)\Video x64: (x64)\Video	DoubleStream	0, 1		4.7.5 and later	Defines whether asynchronous video display mode is enabled or not.
x32: (X32)\Video x64: (x64)\Video	IpIntDrivers3	Brand name: Axis; Acti, etc.		4.7.3 and later	The IpIntDrivers3 string parameter is created and the names of brands that need 3.0 driver are listed.
x32: (X32)\Video x64: (x64)\Video	IpIntDriverVersion	2, 3		4.7.3 and later	Defines the version number of loaded drivers: 2 - to load drivers version 2.0; 3 - to load drivers version 3.0; This parameter has a high priority and cancels IpIntDrivers3 parameter.
x32: (X32)\Video x64: (x64)\Video	LiveFps	1-24		4.7.5 and later	Sets the number of frames displayed in the 800x600 format. LiveFps and ArchiveFps parameters are not to exceed 24 in total.

x32: (X32) x64: (x64)	LoadIpIntDirectly	0, 1		4.9.0 and later	1 - enable IntegratedDevice via video.run. If the setting is enabled and at least one IntegratedDevice is added, then other IP video capture cards are disabled. 0 - IntegratedDevice operates as a separate run-module.
x32: (X32)\Video\TransportProtocols x64: (x64)\Video\TransportProtocols	<Driver name>	<protocol>	-	DP 3.1.1 and later	The key is used to change a transport protocol used by the IP device. Example of the key value: "ONVIF"="tcp" means that TCP protocol is used to transfer data via ONVIF. See details in Changing the transport protocol used by IP-device Example of the key value: "rtsp"="multicast" allows enabling Multicast mode of the RTSP Server . The object configuration is required in addition to the key. See details in Configuring RTSP Server module .
x32: (X32)\Video\MetaDataTransportProtocols x64: (x64)\Video\MetaDataTransportProtocols	The name of camera driver (in the driver parameter of the C:\Program Files\AxxonSoft\Ipint.DriverPack\3.0.0\Ipint.<Driver name>.rep file)	The name of transport protocol (is to be the same as one of the values specified in metadataTransportProtocol property in the corresponding .rep file).	-	DP 3.31.1613 and later	The key is used to change a metadata transport protocol. At the time of writing this documentation change of a metadata transport protocol was available for ONVIF driver only (possible values are tcp and udp).
x32: (X32)\Video x64: (x64)\Video	UnloadUnusedDriverTimeout	>=0	60	DP 3.32.1638 and later	The key sets unused driver unload timeout for cameras. For instance, if camera brand is in several drivers, all of them are loaded at camera connection. To unload the unused drivers, set non-zero value to this key. If the key is not created, then unused drivers are unloaded in 60 seconds. 0 – drivers do not unload (such behavior was in DriverPack versions older than the current one). The key value that is > 0 sets unused driver unload timeout. If the key is created but it consists of NaN value, then unused driver unload timeout is set to the default value – 60 seconds.
x32: (X32)\TELEMETRY x64: (x64)\TELEMETRY	PresetCompatibility	0, 1	-	DP 3.43.1950 and later	The key is used to enable the compatibility between presets in <i>Intellect</i> and previous versions of Drivers Pack, i.e. to decreasing the preset number by 1 when sending it to the driver. 0 – a new operation mechanism with presets the same as in <i>AxxonNext</i> is in use in <i>Intellect</i> . If preset 1 is selected in <i>Intellect</i> interface, then value 1 is sent to the driver. 1, or if the key is not created – the compatibility mode is in use: if preset 1 is selected/created in <i>Intellect</i> interface, then value 0 is sent to the driver.

x32: (x32)\Video x64: (x64)\Video	FFTHREADCOUNT	>=0	1	DP 3.43.195 5 and later	<p>The key sets the number of streams created in FFmpegDecoder.</p> <p>0 – decoder automatically selects the number of created streams.</p> <p>>0 – sets the number of streams in use.</p> <p>By default if there is no key or the value is incorrect, then value 1 is in use.</p> <p>Auto selection of the number of streams can result in the system load reduction or its increase as the number of streams recreated during decoding increases – this affects the performance.</p>
x32: (x32)\EventSources x64: (x64)\EventSources	<brand>.<model> (for example, ONVIF.1_channel_device). If all models of some manufacturer require a specific method of getting events, then there must be a string key named <brand> in the section.	Pull point Meta data Disable	Meta data	DP 3.35.169 2	<p>By the date the documentation in created, this key is supported for three brands: ONVIF, RVi and IDIS. For models of these brands, the key is created automatically when the Drivers Pack is installed.</p> <p>The key sets a method of getting data about the analytics and the sensors of the device:</p> <ul style="list-style-type: none"> • Pull point – getting events by http request of the camera • Meta data – getting events from the metadata stream • Disable – getting events is disabled. <p>All other values (including an empty string) or if there is no key for the model and brand in the specified section mean that you must use the default method, created as default in the rep file for the given model.</p>
x32: (x32)\Video\UseSrcChecking x64: (x64)\Video\UseSrcChecking	RTSP	enable disable	enable	DP 3.45.205 5	<p>The key is intended for setting up synchronization source (SSRC) for RTSP stream:</p> <p>enable – SSRC check enabled;</p> <p>disable – SSRC check disabled.</p>
x32: (x32)\Video x64: (x64)\Video	FFLOGDELAY	0, 1	0	CP 1.580	Enables logging of delays of frames decoding and idle time for FFmpeg codec.

<p>X32: (x32)\Video\TsConverters x64: (x64)\Video\TsConverters</p>	<p><brand>.<model>, for example, Tattile.ANPR Mobile</p> <p>If all brand's models require a certain method of the timestamp adjustment, then the section must contain a string key with the name <brand>.</p>	<ul style="list-style-type: none"> • InfrequentTs • ValidDeviceTs • None 	<p>Depends on the brand</p>	<p>DP 3.34 and later</p>	<p>The keys in this section specify the method of the frame timestamp adjustment.</p> <p>If the key is not created, the timestamp transferred to the <i>Intellect</i> equals 0, and then the current time is set as its value.</p> <p>The None value is used if it is necessary to disable the adjustment and transfer the timestamp received from the camera as is.</p> <p>The ValidDeviceTs value means that the timestamp adjustment method is used before the timestamps transmission to the <i>Intellect</i> if the timestamp received from the camera differs from the current time by the value greater than the one specified in the MaxTimestampDeviation key (see below). After the adjustment, the timestamp calculated on the basis of the previous frame's timestamp and the time elapsed since its reception is transmitted to the <i>Intellect</i>.</p> <p>InfrequentTs value discards the relative timestamps, transferring 0 to the <i>Intellect</i> instead (i.e., the current time is set as the timestamp value), and it also transfers the absolute timestamps with the ETimestampValidityFlag flag. This adjustment method should be used for the devices with the license plates recognition which transfer the separate frames to the external system, rather than a continuous video stream.</p> <p>For some manufacturers, when installing the Drivers Pack, the keys with the necessary values are automatically created in the appropriate registry key.</p>
<p>x32: (x32)\Video x64: (x64)\Video</p>	<p>MaxTimestampDeviation</p>	<p>>=0</p>	<p>-</p>	<p>DP 3.34 and later</p>	<p>The key is used for the ValidDeviceTs key value from the TsConverters branch (see above).</p> <p>The key sets the maximum permissible deviation of the frame timestamp from the current Server time.</p>
<p>x32: (x32)\Video x64: (x64)\Video</p>	<p>ErrorSensitivity</p>	<p>0, 1</p>	<p>0</p>	<p>DP 3.54 and later</p>	<p>The key enables the interruption of the H.265 video decoding via the ffmpeg decoder in case of the slightest error in the video stream.</p> <p>0 - if the video stream contains errors, then a buffer with artifacts will be received from the ffmpeg decoder.</p> <p>1 - if the video stream contains errors, then an empty buffer will be received from the ffmpeg decoder.</p>

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Import module

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
<p>x32: (X32)\DB Import x64: (x64)\DB Import</p>	<p>ChunkSize</p>	<p>> 0 and >= photo size</p>	<p>32768</p>	<p>4.7.3 and later</p>	<p>Sets the buffer size (in bytes) when reading large files (photo) in the external DB.</p>

x32: (X32)\ DB Import x64: (x64)\ DB Import	CursorLocation	1, 2, 3	2	4.7.3 and later	Sets the cursor location (pointer to DB entries): 1 – do not create the cursor; 2 – create the cursor on the Server; 3 – create the cursor on the Client.
x32: (X32)\ DB Import x64: (x64)\ DB Import	DwSleep	>= 0	1	4.7.3 and later	Sets the delay value (ms) when sending modified entries to the core in the external DB in order not to get 100% CPU load.
x32: (X32)\ DB Import x64: (x64)\ DB Import	FlagsLog	-	-	up to 4.7.5	
x32: (X32)\ DB Import x64: (x64)\ DB Import	MoveFirst	0	0	4.7.3 and later	The key must not be modified.
x32: (X32)\ events x64: (x64)\ events	Events_output	-	-	up to 4.7.5	Debug key
x32: (X32)\ events x64: (x64)\ events	Events_output2	-	-	up to 4.7.5	Debug key
x32: (X32)\ events x64: (x64)\ events	In	-	-	up to 4.7.5	Debug key
x32: (X32)\ events x64: (x64)\ events	PostedEvents	-	-	up to 4.7.5	Debug key
x32: (X32)\ events x64: (x64)\ events	PostedReacts	-	-	up to 4.7.5	Debug key
x32: (X32)\ events x64: (x64)\ events	Reacts_output	-	-	up to 4.7.5	Debug key

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Special keyboard

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
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x32: (X32)\ Keyb x64: HKKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\ITV\ INTELLECT\Keyb	Prefix	VK_NUMPA D0 VK_NUMPA D1 VK_NUMPA D2 VK_NUMPA D3 VK_NUMPA D4 VK_NUMPA D5 VK_NUMPA D6 VK_NUMPA D7 VK_NUMPA D8 VK_NUMPA D9 VK_MULTIP LY VK_ADD VK_SEPAR ATOR VK_SUBTR ACT VK_DECIMA L VK_DIVIDE VK_F1 VK_F2 VK_F3 VK_F4 VK_F5 VK_F6 VK_F7 VK_F8 VK_F9 VK_F10 VK_F11 VK_F12 VK_F13 VK_F14 VK_F15 VK_F16 VK_F17 VK_F18 VK_F19 VK_F20 VK_F21 VK_F22 VK_F23 VK_F24	0x60 0x61 0x62 0x63 0x64 0x65 0x66 0x67 0x68 0x69 0x6A 0x6B 0x6C 0x6D 0x6E 0x6F 0x70 0x71 0x72 0x73 0x74 0x75 0x76 0x77 0x78 0x79 0x7A 0x7B 0x7C 0x7D 0x7E 0x7F 0x80 0x81 0x82 0x83 0x84 0x85 0x86 0x87	4.7.3 and later	The list is not full. Any soft key can be in use.
x32: (X32)\ Keyb x64: (x64)\Keyb	Process All	0,1	0		The key allows using the standard keyboard as the special one. In this case keypress on the standard keyboard will be considered as keypress on the special keyboard and processed according to the ini file. You can find out key codes corresponding to one or another keyboard key using the The Debug window : when the key is pressed they are sent in the wparam<> parameter of NEW_KEY_PRESSED event from the KEYB object. E.g., 65-90 codes correspond to a-z letter symbols and 48-57 codes correspond to 0-9 figures.

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Video analytics					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video\Detectors\Vmda x64: (x64)\Video\Detectors\Vmda	InactiveInterval	>0	-	4.9.0	Key specifies time period in minutes, during which absence of detected objects by tracker is permitted. If the key is created, after the specified time and if there is no activity of VMDA detection, the message about inactivity will be generated. On default, this message is not generated.
x32: (X32)\Video\Detectors\Vmda x64: (x64)\Video\Detectors\Vmda	VMDA.useSpeedLimitTypeLessThan	VMDA detector IDs separated by comma or semicolon	-	4.10.4 and later	<p>The VMDA detection tool IDs separated by comma or semicolon that should be triggered when the object speed is less than the speed configured for the VMDA detection tool.</p> <p><i>Note 1. If no ID is specified for this parameter, or there is no parameter at all, the detection tool is triggered when an object crosses the line in the selected direction with a speed that is approximately the same as the speed configured for the VMDA detection tool.</i></p> <p><i>Note 2. The same VMDA detector id can only be specified for either the VMDA.useSpeedLimitTypeLessThan or the VMDA.useSpeedLimitTypeMoreThan (see below) parameters. The simultaneous operation of both these parameters for the same VMDA detector is not allowed.</i></p>
x32: (X32)\Video\Detectors\Vmda x64: (x64)\Video\Detectors\Vmda	VMDA.useSpeedLimitTypeMoreThan	VMDA detector IDs separated by comma or semicolon	-	4.10.4 and later	<p>The VMDA detection tool IDs separated by comma or semicolon that should be triggered when the object speed is greater than the speed configured for the VMDA detection tool.</p> <p><i>Note 1. If no ID is specified for this parameter, or there is no parameter at all, the detection tool is triggered when an object crosses the line in the selected direction with a speed that is approximately the same as the speed configured for the VMDA detection tool.</i></p> <p><i>Note 2. The same VMDA detector id can only be specified for either the VMDA.useSpeedLimitTypeLessThan (see above) or the VMDA.useSpeedLimitTypeMoreThan parameters. The simultaneous operation of both these parameters for the same VMDA detector is not allowed.</i></p>
x32: (X32)\Video\VMDA x64: (x64)\Video\VMDA	VMDA.ignoreAnalyticStream	0, 1	0	4.9.8 and later	<p>The key sets the camera stream used by the detection modules included in the <i>Detector Pack</i> subsystem.</p> <p>0 - the Video Analytics stream is used.</p> <p>1 - the Default stream is used.</p> <p><i>Note. If the camera is not used in the multi-thread mode, the first stream (the only one) will be used regardless of the key value.</i></p>

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Web Server					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect

Web Server

x32: (x32)\WebServer\ x64: (x64)\WebServer\ 	RequestTimeout	>0	1000 0	4.9.0	Sets max.time (in milliseconds) for Server to process a request.
x32: (x32)\WebServer\ x64: (x64)\WebServer\ 	ConnectionTimeoutIdle	>0	3000 0	4.9.0	Sets max.time (in milliseconds) for connection inactivity between Client and Server. Inactive connection is disconnected upon timeout.

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Map					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Map\ x64: (x64)\Map\ 	NotUsingCash	0, 1	-	4.9.2	The key is in use on the map when there are objects the backgrounds of which are overlaid. In these cases the object icons can be erroneously displayed because of background caching. To fix these bugs you should disable caching by specifying <i>1</i> value for the key. Take into account the fact that caching disabling can cause high CPU load.
x32: (x32)\Map\ x64: (x64)\Map\ 	AlternativeSelect	0, 1	0	4.10.0	The key is designed to disable object framing. 0 – the object is framed. 1 – the object is not framed.
x32: (x32)\Map\ x64: (x64)\Map\ 	<Map_id>MiniMapB	>0	MiniMapT + 169	4.10.1	Sets the Y-axis coordinate of the bottom right corner of the minimap on the monitor in pixels. Changing of the key value can be required for exact minimap sizing or for resetting minimap position (by deleting MiniMap keys).
x32: (x32)\Map\ x64: (x64)\Map\ 	<Map_id>MiniMapL	>0	The X-axis coordinate of the upper left corner of the Map	4.10.1	Sets the Y-axis coordinate of the upper left corner of the minimap on the monitor in pixels. Changing of the key value can be required for exact minimap sizing or for resetting minimap position (by deleting MiniMap keys).
x32: (x32)\Map\ x64: (x64)\Map\ 	<Map_id>MiniMapR	>0	MiniMapL + 287	4.10.1	Sets the X-axis coordinate of the bottom right corner of the minimap on the monitor in pixels. Changing of the key value can be required for exact minimap sizing or for resetting minimap position (by deleting MiniMap keys).
x32: (x32)\Map\ x64: (x64)\Map\ 	<Map_id>MiniMapT	>0	The Y-axis coordinate of the upper left corner of the Map	4.10.1	Sets the X-axis coordinate of the upper left corner of the minimap on the monitor in pixels. Changing of the key value can be required for exact minimap sizing or for resetting minimap position (by deleting MiniMap keys).

Map					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Map\ Minimap x64: (x64)\Map\ Minimap	ShowOnMouseMove	0, 1	0	4.10.2	Sets how the minimap is displayed: 0 – using the Minimap item in the Map feature menu . 1 – pointing the mouse cursor to the top left corner of the Map.
x32: (x32)\Map\ x64: (x64)\Map\ 	EventFontHeight	Integer	-8	4.10.3	Specifies the font size for displaying information about the latest event in the feature menu of the object on the map.
x32: (x32)\Map\ x64: (x64)\Map\ 	InscribeEditor	0, 1	1	4.10.5 and later	The key enables the automatic "Fit the window" checkbox activation for all layers in the <i>Map editor</i> window if this checkbox was previously set for any layer. 0 - the layer will be fit into the <i>Map editor</i> window only if the "Fit the window" checkbox was previously set for this layer. 1 - any layer will be fit into the <i>Map editor</i> window, if the "Fit the window" checkbox was previously set for any layer.
x32: (x32)\Map\ x64: (x64)\Map\ 	HideAnalogName	0, 1	0	4.10.5 and later	The key hides the "Value =" in the value of the objects on the Map for which the Text type of display is selected. 0 - objects' text values are displayed on the Map with the "Value =." 1 - objects' text values are displayed on the Map without the "Value =."
x32: (x32)\Map\ x64: (x64)\Map\ 	TouchScreen	0, 1	0	4.10.5 and later	The key enables opening of the functional menu of the object on the Map by left double clicking the icon. 0 - left double-clicking the icon of an object on the Map does not open the functional menu. 1 - left double-clicking the icon of an object on the Map opens a functional menu.

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Mail Message Service

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\MMS\ x64: (x64)\MMS\ 	UseTls	0, 1	1		Defines whether to use TLS encoding for Mail Message Service or not.

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Short Message Service

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\SMS\ x64: (x64)\SMS\ 	ProcessFromSim	0, 1	By default the key is not created, the value is 0.	4.9.4	<p>The key is to be created with value 1 if a USB modem is connected to <i>Intellect</i> and it operates in <i>Intellect</i>, but <i>Intellect</i> does not get the RECEIVE event from SMS object when sending messages to such modem. HUAWEI E173 is an example of such modem.</p> <p>Important! SMS messages are to be stored on SIM for proper operation of the registry key.</p> <p>Important! When the key is in use, SMS messages sent to the modem are deleted.</p>

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Script

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Script\ x64: (x64)\Script\ 	DebugMaxLines	>=0	200	4.9.5	Sets the number of lines to be displayed in the Script debug window (for details see Programming Guide (JScript)).
x32: (x32)\Script\ x64: (x64)\Script\ 	TerminateProcessOnHang	0, 1	1	4.10.4	<p>0 – <i>Intellect</i> core does not terminate the itvscript.exe process when it hangs.</p> <p>1 – <i>Intellect</i> core terminates the itvscript.exe process when it hangs.</p>

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Abandoned objects detection tool of the Tracker object

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video 	UseRealTimeStamps	Comma-separated camera identifiers	-	4.9.5 to 4.9.7	Identifiers are separated by commas for cameras for which current timestamps are to be sent. Due to features of the unattended object detection tool (that is a third-party module) it sends synthetic timestamps by default.
x32: (X32)\Video\VMDA x64: (x64)\Video\VMDA 				4.9.8 and later	

Abandoned objects detection tool of the Tracker object

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video x64: (x64)\Video	unattendedObjectSensitivity	Comma-separated sensitivity values in the 'camera id.sensitivity' format. Sensitivity range –[1...25] EXAMPLE: unattendedObjectSensitivity="1.15,99.20,4.7"	7 for all cameras	4.9.5 to 4.9.7	Sets sensitivity of unattended objects detection tool for specified cameras.
x32: (X32)\Video\VMD A x64: (x64)\Video\VMD A				4.9.8 and later	
x32: (X32)\Video x64: (x64)\Video	unattendedObjectLongMemory	Comma-separated camera identifiers EXAMPLE unattendedObjectLongMemory="1,1000,2,999,3,5,4,6,7,8"	-	4.9.5 to 4.9.7	Sets identifiers of cameras to which the unattended object detection tool with long memory is to be used.
x32: (X32)\Video\VMD A x64: (x64)\Video\VMD A				4.9.8 and later	
x32: (X32)\Video x64: (x64)\Video	unattendedObjectTimeBeforeCheck	Values of periods are comma-separated and are in the 'camera id.period' format. EXAMPLE unattendedObjectTimeBeforeCheck = "4.20,1.10,3.40"	By default it is the same as the waiting for loss period set while configuring the Tracker object (see Creating and configuring the Tracker object).	4.9.5 to 4.9.7	Time in seconds before checking object in case of using the unattended object detection tool with long memory.
x32: (X32)\Video\VMD A x64: (x64)\Video\VMD A				4.9.8 and later	
x32: (X32)\Video x64: (x64)\Video	determineNoise	0, 1	1	4.9.5 to 4.9.7	Use (1) or not (0) the algorithms for detecting pseudo-moving objects
x32: (X32)\Video\VMD A x64: (x64)\Video\VMD A				4.9.8 and later	
x32: (X32)\Video x64: (x64)\Video	determineColorIdentity	0, 1	1	4.9.5 to 4.9.7	Use (1) or not (0) the algorithms for detecting objects matching by their color characteristics

Abandoned objects detection tool of the Tracker object

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video\VMDA x64: (x64)\Video\VMDA				4.9.8 and later	
x32: (X32)\Video x64: (x64)\Video	determineHumanCar	Comma-separated camera identifiers. EXAMPLE determineHumanCar="1,1000,2,999,3,5,4,6,7,8"	-	4.9.5 to 4.9.7	Sets the list of camera identifiers for which the algorithm of determining whether it is a car or a human is to be ENABLED.
x32: (X32)\Video\VMDA x64: (x64)\Video\VMDA				4.9.8 and later	For proper operation of the tracker determineGivenTaken and determineHumanCar keys MUST be used at the same time. There is no point in using only one key.
x32: (X32)\Video x64: (x64)\Video	determineGivenTaken	Comma-separated camera identifiers. EXAMPLE determineGivenTaken="1,1000,2,999,3,5,4,6,7,8"		4.9.5 to 4.9.7	Sets the list of camera identifiers for which the algorithm of determining whether the object is given or taken is to be enabled in the unattended object detection tool.
x32: (X32)\Video\VMDA x64: (x64)\Video\VMDA				4.9.8 and later	For proper operation of the tracker determineGivenTaken and determineHumanCar keys MUST be used at the same time. There is no point in using only one key.
x32: (X32)\Video x64: (x64)\Video	VMDAFPS	>=-1	30	4.9.5 to 4.9.7	Sets fps to be sent to the tracker. -1 – ALL FRAMES 0 – send a frame to the tracker if the tracker is available (processed the previous frame). >0 – maximum fps sent to the tracker.
x32: (X32)\Video\VMDA x64: (x64)\Video\VMDA				4.9.8 and later	
x32: (x32)\Video\VMDA x64: (x64)\Video\VMDA	useLeftImprover	0,1	-	4.9.8 and later	The key specifies usage of previous frame processing before its sending to video analytics repository: 0 – not to use. 1 – to use. If the key is enabled, it's in use for all cameras. Important! The useFilterFrame parameter is to have '1' value for key operation (see below).

Abandoned objects detection tool of the Tracker object

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video\VMD A x64: (x64)\Video\VMD A	longShif	>=0	-	4.9.8 and later	Parameter of moving average accumulation is reasonable only when value 1 is assigned to the useLeftImprover parameter. It is not recommended to change value of parameter.
x32: (x32)\Video\VMD A x64: (x64)\Video\VMD A	longShiftUpdateThreshold	>=0	-	4.9.8 and later	Threshold of difference from a background below of which the long moving average is updated. It has a point if value 1 is assigned to the useLeftImprover parameter. It is not recommended to change the parameter value.
x32: (x32)\Video\VMD A x64: (x64)\Video\VMD A	useLeftImproverGeometry	0, 1	-	4.9.8 and later	The key specifies post processing usage of frames received from video analytics repository. Procedure is configured only for operation with frames from left-off items detection, so it can operate incorrectly with frames from tracker. If the key is enabled, it is in use for all cameras. Important! The useFilterFrame parameter is to have '1' value for key operation (see below).
x32: (x32)\Video\VMD A x64: (x64)\Video\VMD A	timeShift	>=0	-	4.9.8 and later	Time period in seconds after receiving a frame from video analytics repository, during which item in the frame will be analyzed for "invalidity". Operates only when the useLeftImproverGeometry key is enabled. The more this time period the longer item is analyzed and analysis is more authentic, but the more unlikely the item will be removed from the frame by the time of analysis completion.
x32: (x32)\Video\VMD A x64: (x64)\Video\VMD A	timeLife	>=0	-	4.9.8 and later	Time period during which left-off item frame will be sent after its recognition by analyzer of post processing video analytics repository. It is in use only when the useLeftImproverGeometry key is enabled.
x32: (x32)\Video\VMD A x64: (x64)\Video\VMD A	maxDeltaInside	0-255	-	4.9.8 and later	Value of maximal difference of average color in the left-off item frame at the moment of frame receiving from video analytics repository and at the moment after time specified by the timeShift key. The less value, the more strict condition and the less number of items (left-off items) satisfying this condition.

Abandoned objects detection tool of the Tracker object

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video\VMDA x64: (x64)\Video\VMDA	minDeltaOutside	0-255	-	4.9.8 and later	Minimal difference of average color in the left-off item frame received from video analytics repository from average color around the frame, at which the frame will be further analyzed and won't be considered as invalid trigger. It is in use only when the useLeftImproverGeometry key is enabled. The higher value, the more strict condition and the less number of items (left-off items) satisfying this condition.
x32: (x32)\Video\VMDA x64: (x64)\Video\VMDA	useFilterFrame	0, 1	0	4.9.8 and later	The key is responsible for enabling frame pre-process before its analysis. If it is disabled, useLeftImprover and useLeftImproverGeometry keys won't work (see above). 1 – enabled; 0 – disabled.
x32: (x32)\Video\VMDA x64: (x64)\Video\VMDA	VMDA.determineNoise	0, 1	1	Starting with 4.10.3	Enables the noise determination function on the video and when smart video detection tools operate.
x32: (x32)\Video\VMDA x64: (x64)\Video\VMDA	VMDA.determineGivenTaken	IDs of cameras, comma-separated	-	Starting with 4.10.3	Enables the function of determining the given/taken objects on the side of the Tracker library. Information about given/taken objects is recorded to the VMDA metadata storage. After that, it is possible to perform forensic search by them in the archive. See also CAM_VMDA_DETECTOR .
x32: (x32)\Video\VMDA x64: (x64)\Video\VMDA	VMDA.determineHumanCar	IDs of cameras, comma-separated	-	Starting with 4.10.3	Enables the function of determining the object type on the side of the Tracker library. This type is stored to the VMDA metadata storage. After that, it is possible to perform forensic search by it in the archive. See also CAM_VMDA_DETECTOR .

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RTSP-server

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\StreamingServer x64: (x64)\StreamingServer	def_port	>0	17000	4.9.9	Sets the range start of used UDP protocols for RTSP-RTP.
x32: (x32)\StreamingServer x64: (x64)\StreamingServer	IpInterface	IP-address	-	4.9.9	Sets IP-address of network interface which is to be used for RTSP-server broadcast.
x32: (x32)\StreamingServer x64: (x64)\StreamingServer	split_range	>0	1	4.10.1	The key is responsible for merging archive fragments into one when playing back the archive via the RTSP Server. If the split between archive fragments is less than time specified in the key, then archive fragments will be in the same range in the DESCRIBE field when addressing RTSP archive as if there is no split in the archive. <i>Note. The key is in use for integration with ECHD.</i>
x32: (x32)\StreamingServer x64: (x64)\StreamingServer	send_real_time	0, 1	0	4.10.1 -4.10.3	The key is in use if there are any problems playing back the RTSP archive in the VLC media player. The key allows sending real time instead of frame time to the player. Important! If the key value is "1", then the Single Data Center (ECHD) clients won't work. Note. Since Intellect 4.10.4, the VLC player compatibility mode parameter is used instead of this key. It is located on the settings panel of the RTSP Server object - see Configuring RTSP Server Module .
x32: (x32)\StreamingServer x64: (x64)\StreamingServer	LogFrames	0, 1	1	4.10.1	The key enables RTSP stream statistics logging.

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AviExport utility					
Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video\AVI x64: (x64)\Video\AVI	UseCodecAXXN	0, 1	0	4.10.0	1 – utility is started in export mode in the AXXN codec if Export to AVI in initial format item is selected. 0 – export is possibly performed in original format. <i>Note. See also The AviExport utility.</i>
x32: (x32)\Video\AviExport x64: (x64)\Video\AviExport	ExportPriority	-2 to 2	-1	4.10.0	Key sets priorities of the AviExport utility and is used by the Video.run module while its starting: -2 – low priority (IDLE_PRIORITY_CLASS) -1 – below average priority (BELOW_NORMAL_PRIORITY_CLASS) 0 – average priority (NORMAL_PRIORITY_CLASS) 1 – above average priority (ABOVE_NORMAL_PRIORITY_CLASS) 2 – high priority (HIGH_PRIORITY_CLASS)
x32: (x32)\Video\AviExport x64: (x64)\Video\AviExport	BookmarkMaxLen	>0 Fractional values can be specified with comma as decimal separator (for example, "0,5")	-	4.10.3	Sets the length of a bookmark in hours. If the key is not created, the bookmark length is not limited.
x32: (X32)\Video\AVI64 x64: (x64)\Video\AVI64	SuspendDiskSizeUpdate	0, 1	0	4.10.5 and later	When the export period is being set, the key disables the automatic loading of indexes until the date/time control focus is removed. 0 - the indexes are loaded automatically. 1 - the indexes are not loaded until the focus is removed from the date/time controls.
x32: (x32)\Video\AviExport x64: (x64)\Video\AviExport	ExportDir	Path to a folder	C:\export	4.10.0	Specifies the directory for saving recordings exported via AviExport (Background export).

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ECHD

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\WebServer\ECHD\ x64: (x64)\WebServer\ECHD\	ExportContainerFormat	mp4, avi, flv, mov, asf	mp4	4.10.1 and later	The key sets data format for archive export using <i>Intellect</i> HTTP API commands – see Archive export .
x32: (x32)\WebServer\ECHD\ x64: (x64)\WebServer\ECHD\	AdditionalVersionString	Latin, Cyrillic, digits	-	4.10.5	The key sets the prefix for the Intellect version that is returned on the "getdeviceinfo" request via the HTTP API in the "firmware version" field.

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Intercom subsystem

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\MonitoringCenter\ x64: (x64)\MonitoringCenter\	DefaultButtonWidth	>0	100	4.10.4 and later	The key sets the width of buttons (in pixels) of the Monitoring Center. The button position is changed automatically when the values are changed.
x32: (x32)\MonitoringCenter\ x64: (x64)\MonitoringCenter\	DefaultRowHeight	>0	70	4.10.4 and later	The key sets the height of buttons (in pixels) of the Monitoring Center. The button position is changed automatically when the values are changed.
x32: (x32)\MonitoringCenter\ x64: (x64)\MonitoringCenter\	ButtonFontHeight	Integer numbers	-11	4.10.4 and later	Sets font size for buttons of the Monitoring Center.

Intercom subsystem

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X 32)\MonitoringCenter\ x64: (X 64)\MonitoringCenter\ 	clrButtonAccept	Color designation in #RRGGBB format	#FFFFFF	4.10.4 and later	Sets the text font for the Accept button of the Monitoring Center as #RRGGBB. For example, #FFFFFF (default) is white, #00FF00 is green.
x32: (X 32)\MonitoringCenter\ x64: (X 64)\MonitoringCenter\ 	clrButtonClose	Color designation in #RRGGBB format	#FFFFFF	4.10.4 and later	Sets the text font for the Close button of the Monitoring Center as #RRGGBB. For example, #FFFFFF (default) is white, #00FF00 is green.
x32: (X 32)\MonitoringCenter\ x64: (X 64)\MonitoringCenter\ 	CancelByServerEnable	>=0	-	4.10.4 and later	<p>The key enables forced connection closure after the call is completed from the device web-interface. It is used in cases when, for example, there are errors in the protocol or connection problems, the command to close the call in the Monitoring Center may not come.</p> <p>0 – forced connection closure is disabled.</p> <p>>0 – forced connection closure is enabled.</p>

POS-Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\POS x64: (x64)\POS 	Capture	0, 1	1	4.7.3 and later	Defines whether to store log-files or not. Log-files are stored in the IntellectFolder\Modules\PosCapture folder.
x32: (x32)\POS x64: (x64)\POS 	Dos2Win	0, 1	1	4.7.3 and later	<p>Detects encoding:</p> <p>1 - read XML encoding in DOS codepage;</p> <p>0 - read XML as it is</p>
x32: (x32)\POS x64: (x64)\POS 	GlobalTextDelay	-	0	4.7.3 and later	Sets the shift of Text data from video to TextSearch.

POS-Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\POS x64: (x64)\POS	Nohotkey	0, 1	1	4.7.3 and later	Allows disabling hot keys used for POSVIEWER and TITLEVIEWER. If Nohotkey = 1, then when clicking Ctrl+Shift+E - the frame export folder is opened; Ctrl+Shift+T - the Tools folder is opened.
x32: (x32)\POS x64: (x64)\POS	PosLogMaxsize	>0	10	5.1	The key sets maximum size (in MBs) of the <i>POS terminal's log</i> . <i>Note. POS terminal logging is enabled using the Capture key – see above.</i>
x32: (x32)\POS x64: (x64)\POS	SetFlowControlNone	0, 1	1	5.4 and later	COM port control. Set to 0 if POS terminal fails to operate while connecting to <i>POS-Intellect</i> .
x32: (x32)\POS x64: (x64)\POS	UseLocalTimestamp	0, 1	0	5.4 and later	The key enables the received local timestamp conversion to UTC when creating a record in the corresponding <i>POS-Intellect</i> database. 0 - received local timestamp will be recorded to the corresponding database without any changes. 1 - received local timestamp will be converted to UTC when creating a record in the corresponding database.
x32: (x32)\POS x64: (x64)\POS	UseLastCashierInfo	0, 1	0	5.4 and later	In case the D-store POS-terminals are used, the key enables saving the info about the last cashier whose data was received by the POS-terminal. Until there is no data, the following default values are used: cashier_name = "Jane B."; cashier_number = "1147911"; 0 - the info about the last cashier whose data was received by the POS-terminal, is not saved. 1 - the info about the last cashier whose data was received by the POS-terminal, is saved.
x32: (x32)\POS x64: (x64)\POS	NewReceipt.Use	0, 1	0	5.4 and later	In case the D-store POS-terminals are used, the key enables initiating the receipt creation by any data input. In addition to that, the text line specified in the NewReceipt.Word key (see below) is added to the receipt text. 0 - the receipt creation is initiated by the word specified to trigger the receipt creation. 1 - the receipt creation is initiated by any data input, and the text line specified in the NewReceipt.Word key (see below) is added to the receipt text. <i>Note. This key works only if the UseLastCashierInfo key (see above) is enabled.</i>
x32: (x32)\POS x64: (x64)\POS	NewReceipt.Word	String value	NEW RECEIPT	5.4 and later	The key enables specifying the text line which will be added to the receipt text if the NewReceipt.Use key (see above) is enabled.
x32: (x32)\POS x64: (x64)\POS	PrintTime	0, 1	0	5.4 and later	The key activates displaying in the Monitor the time (UTC) when each caption appeared. 0 - the captions timestamps (UTC) are not displayed in the Monitor. 1 - the captions timestamps (UTC) are displayed in the Monitor.

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FACE Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\FRS x64: (x64)\FRS	CpuCoreCount	>0		6.0	The key defines on how many CPU cores the face recognition module will operate (firserver.run process). All cores are in use by default.
x32: (x32)\FRS x64: (x64)\FRS	FaceLostAge	>0	1000	6.0	The key sets the timeout upon which Face Server 'loses' the face if there is no new data about it.
x32: (x32)\FRS x64: (x64)\FRS	GenFirsInDetector	0, 1	1	6.0	<p>Sets the parameters of generating and attaching face biometrics in the detection tool:</p> <p>1 – Face detection tools generate and attach face biometrics to the photo.</p> <p>0 – Face detection tools do not generate face biometrics - the face is only captured.</p> <p>Note. Face recognition Server that performs search in the user database checks up whether it has attached biometrics when it gets a face photo. If yes, then biometrics are not further generated for search in the database - data attached to the photo is in use. If no, then recognition Server generates biometrics itself using the photo.</p> <p>Generation of biometrics is a resource-intensive process unlike search by ready data - that is why this key allows distributing load among several Servers having only one Server working with the user database.</p>
x32: (x32)\FRS x64: (x64)\FRS	SaveUnrecognizedFaces	0, 1	0	6.0 to 6.1	<p>Specifies what data will be stored in the database when using the Face recognition Server:</p> <p>1 - all captured faces.</p> <p>0 - only the faces about which there are recognition results.</p> <p>The key is in use in order to avoid the database overflow.</p> <p>Note. Since version 6.2 use the UseFaceDB key in order to minimize the amount of data stored in DB.</p>
x32: (x32)\Video\Face Capture x64: (x64)\Video\Face Capture	timeUntilLost	>0	1	Intellect 4.10.0	<p>The key is used to configure the face detection tool – it sets time on the expiry of which the face is considered lost.</p> <p>For instance, if timeUntilLost = 1 and a man covers his face with the hands in front of the camera and then shows it again, then the face detection tool does not capture it as it considers that the face was lost for the time it was covered.</p> <p>If the parameter value is 3, then the face will be detected in this case.</p>
x32: (x32)\FRS x64: (x64)\FRS	IgnoreSamePeople	0, 1	0	6.1	The key enables function of ignoring repeatedly recognized faces. While enabling this function all vectors of captured faces are saved in cache for the specified time interval. When new face is captured, its biometric vector is comparing with already existed vectors in cache. If it coincides with one of such vectors with specified similarity rate then it doesn't send to the further processing. Duration of vector storing in a cache is specified using the Skip repeated recognitions, sec parameter of the Face Recognition Server object. Similarity rate for comparison is came from the Similarity level parameter of the same object. See also Face Intellect software package. Administrator's Guide, section Setting parameters for detected faces recognition.
x32: (x32)\FRS x64: (x64)\FRS	ClearIgnoreCache	0, 1	0	6.1	The key enables cache clearing while using function of ignoring repeatedly recognized faces.

FACE Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\FRS x64: (x64)\FRS	ClearIgnoreCacheTime	Time in HH:M M:SS format	-	6.1	The key sets time when cache creating is to be performed while using function of ignoring repeatedly recognized faces.
x32: (x32)\FRS x64: (x64)\FRS	FaceDetectionPeriod	>0	250	6.1	Specifies time period in milliseconds equal to frequency of new faces search on the image for the Tevian recognition algorithm. See also Face Intellect software package. Administrator's Guide .
x32: (x32)\FRS x64: (x64)\FRS	FaceDB	Full path to a local or network folder	-	7.0	The key sets a folder for storage of images and vectors for captured and sample faces when UseFaceDB key is set to 1 or 2 (see below).
x32: (x32)\FRS x64: (x64)\FRS	UseFaceDB	0, 1, 2	2	7.0	The key sets the mode for storing metadata, images and vectors of captured and reference faces. 0 – metadata, images and vectors are stored only in database. 1 – metadata, images and vectors are stored in database, images and vectors are also storing in a folder on disk. Path to folder is specified using the FaceDB parameter(it is possible to specify both a local and network folder). 2 – metadata are stored in the database, images and vectors are storing only in a folder on disk. Path to folder is specified using the FaceDB parameter (it is possible to specify both a local and network folder). <i>Note. Information on recognized faces is stored in the database, regardless of the value of the UseFaceDB key. Images of reference faces are always stored in the <Installation directory Intellect> \ Bmp \ Person folder, regardless of the value of the UseFaceDB key.</i>
x32: (x32)\FRS x64: (x64)\FRS	FaceDBFreeMB	>0	1000	7.0	The key is used if the the UseFaceDB parameter value is 1 or 2 (see above). The key specifies free space in the disk volume in megabytes. Once the specified size is reached, the images and captured face vectors cleanup will start on loop.
x32: (x32)\FRS x64: (x64)\FRS	RestPort	port number	10000	7.1	The key is used in case the standard port 10000 used by the Face Recognition Server to communicate with the Face Recognition and Search client is occupied by a third-party application that can not be disabled. The key allows you to specify a new port number for communication between the server and the client.
x32: (x32)\FRS x64: (x64)\FRS	CpuCoreCountAddPerson	>=0	0	7.1	The key defines the number of CPU cores where the vectors of persons are generated when adding a reference face to the database. 0 - vectors are generated on the number of cores specified in the CpuCoreCount key. The cores are used successively. Recognition sample is bound to each core. 1 - only 1 fixed core (different from those specified in CpuCoreCount) is in use when adding a reference face to the database. 2 - only 2 fixed cores (different from those specified in CpuCoreCount) are in use when adding a reference face to the database. etc.

FACE Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\FRS x64: (x64)\FRS	Face.HardwareCPU	0, 1, 2	-	7.1	The key defines the order of binding streams to CPU cores when generating vectors of persons. no value or 0 - streams are bound randomly to CPU cores. 1 - streams are bound successively to CPU cores depending on their total number. 2 - streams are bound to first cores of each CPU.
x32: (x32)\FRS x64: (x64)\FRS	Face.RecognizeFacesSeparately	0, 1	0	7.2 and later	Mechanism of displaying faces. When a new mechanism of displaying is enabled, the photo in the list of captured faces is not duplicated - it is updated in the same cell while the tracker "sees" it. 0 - new mechanism of displaying faces. 1 - old mechanism of displaying faces.
x32: (x32)\FRS x64: (x64)\FRS	FaceDetector.SaveLastFaceCaptureFrame	0, 1	0	7.1 and later	The key enables saving the last recognized face and all its necessary data to a file. This image file can be sent directly to the recognition server via the iidk_client utility. 0 - General operation mode. 1 - When the face is captured, the captureFrame (cam_N).log file is created (where N is the camera number that captured the face) in the <Intellect Installer directory>\Modules (64)\ folder. This file will contain the last recognized face and all its necessary data. This image file can be sent directly to the recognition server via the iidk_client utility. <i>Note. The file is overwritten every time a new face is captured.</i>
x32: (x32)\FRS x64: (x64)\FRS	XSize	>=0	1920	7.0 and later	The key restricts resolution (width) of the photo when adding it to the faces database. Set greater value to the key if the following message appears when adding a face to DB: "Adding error. The face was not added. Insufficient image quality to add".
x32: (x32)\FRS x64: (x64)\FRS	YSize	>=0	1080	7.0 and later	The key restricts resolution (height) of the photo when adding it to the faces database. Set greater value to the key if the following message appears when adding a face to DB: "Adding error. The face was not added. Insufficient image quality to add".
Tevian					
x32: (x32)\FRS x64: (x64)\FRS	TevianAlgorithmNumber	0, 1	0	7.0-7.1	The key enables selecting the Tevian algorithm. 0 – less resource intensive algorithm is in use 1 – more resource intensive algorithm is in use Important! Biometric vectors received using this algorithm cannot be used with alternative one. For proper operation of Face Intellect after changing this parameter biometric vectors are to be converted as described in Transition between face recognition modules section.

FACE Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (\X32)\FRS\CustomAlgorithm x64: (\X64)\FRS\CustomAlgorithm	Tevian.DetectionFilterAlgorithm	0, 1	0	7.2 and later	Another filtering false events algorithm. This key is in use if Tevian.GlobalTrackingDetectionFilter=0 and Tevian.DetectionFilterValue > 0 (see the corresponding parameters below). 0 - ALG1 1 - ALG2 <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>
x32: (\X32)\FRS\CustomAlgorithm x64: (\X64)\FRS\CustomAlgorithm	Tevian.DetectionFilterValue	0-100	50	7.2 and later	Configuring alternative algorithm filtering. It is in use if the value of Tevian.GlobalTrackingDetectionFilter if more than 0 (see the corresponding parameter below). <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>
x32: (\X32)\FRS\CustomAlgorithm x64: (\X64)\FRS\CustomAlgorithm	Tevian.DetectorAlgorithm	0, 1	0	7.2 and later	Face detection operation mode (identification). The recommended parameter value is 0. 0 - ALG1 1 - ALG2 <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>
x32: (\X32)\FRS\CustomAlgorithm x64: (\X64)\FRS\CustomAlgorithm	Tevian.FaceDetectionPeriod	>=0	350	7.2 and later	This parameter affects the detector captioning capacity. If there is a great value, the tracks can rend. <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>
x32: (\X32)\FRS\CustomAlgorithm x64: (\X64)\FRS\CustomAlgorithm	Tevian.FaceDetectorConfidenceThreshold	>=0	50	7.2 and later	Face detector confidence threshold (do not confuse with face quality). <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>

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Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X 32)\FRS\CustomAlgorithm x64: (X 64)\FRS\CustomAlgorithm	Tevian.GlobalTrackingDetectionFilter	0, 1	0	7.2 and later	Filtering false events in the tracker (IGlobalTracker). 0 - disabled 1 - enabled <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>
x32: (X 32)\FRS\CustomAlgorithm x64: (X 64)\FRS\CustomAlgorithm	Tevian.IdentificationAlgorithm	0, 1	0	7.2 and later	The key enables selecting the Tevian algorithm. 0 - ALG1 less resource intensive algorithm is in use. 1 - ALG2 identification of the highest quality, but more resource intensive. Important! Biometric vectors received using this algorithm cannot be used with alternative one. For proper operation of Face Intellect after changing this parameter biometric vectors are to be converted as described in Transition between face recognition modules .
x32: (X 32)\FRS\CustomAlgorithm x64: (X 64)\FRS\CustomAlgorithm	Tevian.TrackBestFramesCount	>=0	1	7.2 and later	The number of seconds to accumulate the best frames for recognition in the track. The longer the time, the poorer is the accuracy of the age determination. If the 1 second value is set, the average error in determining the age will be 2-3 years, and if the 5 seconds value is set, it will be 3-4 years.
x32: (X 32)\FRS\CustomAlgorithm x64: (X 64)\FRS\CustomAlgorithm	Tevian.TrackerMaxLostTime	>=0	500	7.2 and later	Time since the last recognition after which the track is considered ended. <i>Note. It is not recommended to change this parameter without consulting Tevian.</i>
x32: (x32)\FRS x64: (x64)\FRS	FaceTracker.LogTrackerQuality	0, 1	0	7.2 and later	The key enables logging of every face capture event in the general log file of the Face Recognition Server debugging window, where additional information is displayed, such as: the quality of the captured face, the number of all captured faces, the number of high-quality faces, etc. (for details, see Appendix 2. Debug window).

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Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\DetectorExt\HeatZoneDetector x64: (x64)\DetectorExt\HeatZoneDetector	ReportFrequency	>0	900	4.9.0 and later	Sets the data collection frequency (sec) for heat zone detection tool.
x32: (x32)\DetectorExt\HeatZoneDetector x64: (x64)\DetectorExt\HeatZoneDetector	DebugReportFrequency	>0	10	4.9.0 and later	Sets the data update frequency (sec) from heat zone detection tool in the Debug window in seconds.
x32: (X32)\Video\ x64: (x64)\Video\	report_frequency	>=0	3000	2.6 and later	Sets the time period in milliseconds, during which the repeated triggering of the Sweethearting detection module is ignored.

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Registry section	String parameter	Available values	Default	Product version	Parameter in effect
Royalant A6-A16 ISS					
x32: (x32)\Royalant_A6_A16 x64: (x64)\Royalant_A6_A16	access_point_count	-	10	4.7.6 and later	Internal module setting. You'd better not modify the key.
x32: (x32)\Royalant_A6_A16 x64: (x64)\Royalant_A6_A16	rele_count	-	20	4.7.6 and later	Internal module setting. You'd better not modify the key.
Apollo (AAN 100, AAN 32, AIM-4, AIM-4SL)					
x32: (x32)\Apollo x64: (x64)\Apollo	DisableLogOfflineEvents	0, 1	0	4.7.4 and later	Disables event logging when the controller is in the offline mode.
x32: (x32)\Apollo x64: (x64)\Apollo	EnableHardwareReset	0, 1	1	4.7.4 and later	Enables hardware reset before forwarding configuration.
x32: (x32)\Apollo x64: (x64)\Apollo	nCardType	0, 1	0	4.7.4 and later	Defines the card type. When the value is 1, support for Weigand32 is enabled.

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Apollo x64: (x64)\Apollo	nPINType	0, 1, 2	1	4.7.4 and later	Defines whether PIN is in use: 0 – not is use; 1- PIN 4 figures; 2 - PIN 6 figures.
x32: (x32)\Apollo x64: (x64)\Apollo	SetLinkParametersAfterReset	0, 1	1	4.7.4 and later	Sets link parameters after reset.
ABC (Access Net)					
x32: (x32)\ABC x64: (x64)\ABC	UseDynamic	0, 1	0	4.7.4 and later	Defines whether the Dynamic checkbox is available in the controller settings. In this case configuration forwarding in a separate stream can cause module crash.
x32: (x32)\ABC x64: (x64)\ABC	UseMultiThreaded	0, 1	0	4.7.4 and later	Sets the use of the multithreading mode.
Perco Card Reader					
x32: (x32)\Perco CR x64: (x64)\Perco CR	ReadTotalTimeoutConstant	>= 0	-	4.7.4 and later	Sets timeout of reader query. If connection is lost sometimes, then the value is to be increased.
PERCO-SYSTEM-12000L ACS					
x32: (x32)\Perco x64: (x64)\Perco	AdditionNumberOfCard		0	4.7.4 and later	If the number of card is read with displacement (error of COM Server Perco), then the value of this parameter defines the displacement.
x32: (x32)\Perco x64: (x64)\Perco	AutoconfigType	0, 1,2,3	0	4.7.5 and later	Sets auto configuration mode: 0 – feature is not available; 1 – controllers that do not exist are deleted; 2 - controllers that do not exist are deleted and new found controllers are stored at the end of the object tree; 3 – new found controllers are stored at the end of the object tree.
x32: (x32)\Perco x64: (x64)\Perco	DisableOffLine	0, 1, 2	0	4.7.4 and later	0 - standard action; 1 - controller access to all cards with shift schedule is forbidden; 2 - controller access to all cards is forbidden.
x32: (x32)\Perco x64: (x64)\Perco	RequestTime	>= 0	1000	4.7.4 and later	Sets the time period during which the log is read, at the end of this period the reading stops and commands are executed (ms).

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Perco x64: (x64)\Perco	SendLevelBeforePerson	0, 1	0	4.7.4 and later	Defines whether to send the access level after sending person to controller or not.
x32: (x32)\Perco x64: (x64)\Perco	ShowSendLevel	0, 1	0	4.7.4 and later	Defines whether the Send access levels button is shown for Perco object in Intellect settings or not: 0 - disabled (by default); 1 - enabled.
x32: (x32)\Perco x64: (x64)\Perco	Show_progress	0, 1	0	4.7.4 and later	Defines whether to show progress bar when forwarding configuration or not.
x32: (x32)\Perco x64: (x64)\Perco	TimeOut	-	-	4.7.4 and later	Set the gateway query timeout.
x32: (x32)\Perco x64: (x64)\Perco	VerifyLogMesDB	-	-	-	The key is not in use.
Rubeg					
x32: (x32)\RUBEG8_ISB x64: (x64)\RUBEG8_ISB	ConvertUserBcpToUserIntellect	0, 1	0	4.7.4 and later	Defines whether to allow Rubeg users to access Intellect or not: 0 - forbid importing Rubeg users to Intellect; 1 - allow importing Rubeg users to Intellect.
x32: (x32)\RUBEG8_ISB x64: (x64)\RUBEG8_ISB	ShowError	0, 1	0	4.7.4 and later	Defines whether to show dialog boxes with Rubeg COM server errors: 0 - forbid displaying dialog boxes; 1 - allow displaying dialog boxes.
x32: (x32)\RUBEG8_ISB x64: (x64)\RUBEG8_ISB	UseThreadDynamicProcesses	0, 1	1	4.7.5 and later	Sets the thread for forwarding user configuration: 0 - forwarding in the primary thread; 1 - forwarding in the secondary thread.
x32: (x32)\RUBEG8_ISB x64: (x64)\RUBEG8_ISB	UseCorrectDuplicateUsers	0, 1	0	4.7.6 and later	1 - algorithm of correction of duplicated users is in use; 0 - algorithm of correction of duplicated users is not in use.

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\RUBEG8_ISB x64: (x64)\RUBEG8_ISB	UseConfigurationManager	0, 1	0	ACFA 6.1	The key is required for operation of integration with Failover module. 0 – do not save Rubezh server configuration to DB. 1 – save Rubezh server configuration to DB. If Rubezh server configuration is not saved to DB, then it is stored in rcf files. When moving configuration to backup server these files will stay at dead computer and become unavailable, i.e. all settings will be reset to their defaults.
NAC-501/W6500.CNT ACS controller					
x32: (x32)\Nac\Dll x64: (x64)\Nac\Dll	delay	> = 1	1	4.7.4 and later	Delay (ms) when sending users between them. Default - 1 (no delay).
x32: (x32)\Nac x64: (x64)\Nac	Delay green led	> = 0	0	4.7.4 and later	Defines how much time (ms) the reader (NAC51P only) is excluded from the query after receiving the event.
x32: (x32)\Nac x64: (x64)\Nac	Delay open door	> = 0	500	4.7.4 and later	Defines how much time (ms) the reader (NAC51P only) is excluded from the query after authorized access.
x32: (x32)\Nac x64: (x64)\Nac	Delay prohibited access	> = 0	250	4.7.4 and later	Defines how much time (ms) the reader (NAC51P only) is excluded from the query after enabling the <i>prohibited access</i> mode.
x32: (x32)\Nac x64: (x64)\Nac	Delay red led	> = 0	250	4.7.4 and later	Defines how much time (ms) the reader (NAC51P only) is excluded from the query after prohibiting access.
x32: (x32)\Nac x64: (x64)\Nac	enable_thread	1	1	4.7.4 and later	Checkbox of forwarding configuration in a separate thread; the value is always 1 (do not modify). The key is out of date.
x32: (x32)\Nac x64: (x64)\Nac	fqLinkSet	> = 0	1000	4.7.4 and later	Defines the rate (ms) of attempts to connect the reader if there is no connection.

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Nac x64: (x64)\Nac	FlagsLog	0x01 - erroneous file recording/reading 0x02 - sent commands 0x04 - poll 0x08 - erroneous answers to sent commands 0x10 - erroneous answers to poll commands 0x20 - the reader is occupied, repeat is in nms 0x40 - card status confirmation 0x80 - master card is shown 0x100 - door open/close 0x200 - TIMEOUT	0x02F9	4.7.4 and later	Sets bit values for logging to log file (what to log).
x32: (x32)\Nac\DII x64: (x64)\Nac\DII	show_progress	0, 1	1	4.7.4 and later	Defines whether to show the progress when forwarding the configuration.
SATEL FAS ACS					
x32: (x32)\Satel x64: (x64)\Satel	Get_Outputs	0, 1	1	4.7.4 and later	1 - Allow getting relay states; 0 - Forbid getting relay states.
x32: (x32)\Satel x64: (x64)\Satel	Get_Troubles	0, 1	1	4.7.4 and later	1 - Allow getting states of troubles; 0 - Forbid getting states of troubles.
x32: (x32)\Satel x64: (x64)\Satel	Timeout	Any positive number	300	4.7.4 and later	Timeout of getting next message byte from the controller, ms.
x32: (x32)\Satel x64: (x64)\Satel	Transmit_Cmd_Timeout	Any positive number or 0 to forbid receiving states	1000	4.7.4 and later	Rate of getting states (relay and troubles) in ms.

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Satel x64: (x64)\Satel	Verify_Link_Timeout	Any positive number	500	4.7.4 and later	Max. waiting time (ms) of getting an event from controller. If the value is exceeded, then module considers that there is no connection with controller.
"HoneyWell N1000" (Northern Computers)					
x32: (x32)\nc x64: (x64)\nc	bLogReact	0, 1	1	4.7.4 and later	Displaying incoming reactions in the debug window of the module and recording them to the log file.
x32: (x32)\nc x64: (x64)\nc	bLogEvent	0, 1	1	4.7.4 and later	Displaying incoming events in the debug window of the module and recording them to the log file.
x32: (x32)\nc x64: (x64)\nc	bLogCOM_Write	0, 1	1	4.7.4 and later	Displaying instructions sent to the terminal. Used for debugging.
x32: (x32)\nc x64: (x64)\nc	bLogCOM_Read	0, 1	1	4.7.4 and later	Displaying transactions (events), received from the terminal, in the debug window of the module. Used for debugging.
x32: (x32)\nc x64: (x64)\nc	bLogCOM_ReadAnswer	0, 1	1	4.7.4 and later	Displaying responses to the sent instructions in the debug window of the module. Used for debugging.
VMS (Visitor Management System)					
x32: (x32)\id_limit x64: (x64)\id_limit	PERSON_MINID	1-99999	-	4.7.6 and later	These keys are created to generate disjoint IDs of objects on different computers. PERSON_MINID - PERSON_MAXID - allowed range of user IDs to edit access control service. If PERSON_Restrict = 0, then keys are not active.
x32: (x32)\id_limit x64: (x64)\id_limit	PERSON_MAXID	1-99999	-	4.7.6 and later	
x32: (x32)\id_limit x64: (x64)\id_limit	PERSON_Restrict	0, 1	0	4.7.6 and later	
Photo ID					

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
<p>x32: (x32)\</p> <p>x64: (x64)\</p> <p><i>Note. If this section has not been created, then the system will look for the key in the section.</i></p> <p>HKEY_CURRENT_USER\Software\ITV\INTELLECT\</p>	NOT_DELETE_PHOTO	0, 1	0	ACFA 6.0	<p>In ACFA 5.4 and later versions it is possible to delete irrelevant photos in the <i>Photo identification</i> module: when the <i>Photo identification</i> module gets an event and if there is no photo on the Server that gets the event, then this photo is considered irrelevant and the clients connected to the Server get a command to delete the photo.</p> <p>They key allows keeping irrelevant photos on the computer where the key value is 1.</p> <p>0 – delete irrelevant photos on the computer.</p> <p>1 – do not delete irrelevant photos on the computer.</p>
Access Manager					
<p>x32 and x64: HKEY_CURRENT_USER\Software\ITV\INTELLECT\Account Manager(n*)\Folder name GUID**</p> <p><i>Note 1. n* is Access Manager object ID in Intellect.</i></p> <p><i>Note 2. Folder name GUID** is automatically generated. If Intellect is run with no authorization (i.e. no login or password entered at start), folder name is zero GUID, i.e. 00000000-0000-0000-0000-000000000000. If Intellect is run with authorization, folder name is this user's GUID, e.g. 3bf041df-8b39-e711-80b7-c0bfc074aae0.</i></p>	ApplyOnEnter	>=0	-	ACFA 6.5	<p>The key enables confirmation (OK) by Enter in Full name of new user and Edit card dialog boxes.</p> <p>0 – nothing happens when pressing Enter in these dialog boxes.</p> <p>>0 – pressing Enter is equal to clicking OK in Full name of new user and Edit card dialog boxes.</p>
<p>x32 and x64: HKEY_CURRENT_USER\Software\ITV\INTELLECT\Account Manager(n*)\Folder name GUID**</p> <p><i>Note 1. n* is Access Manager object ID in Intellect.</i></p> <p><i>Note 2. Folder name GUID** is automatically generated. If Intellect is run with no authorization (i.e. no login or password entered at start), folder name is zero GUID, i.e. 00000000-0000-0000-0000-000000000000. If Intellect is run with authorization, folder name is this user's GUID, e.g. 3bf041df-8b39-e711-80b7-c0bfc074aae0.</i></p>	RotateAngle	0, 1, 2, 3	0	ACFA 6.5	<p>The key sets rotation angle for the template while printing.</p> <p>0 – 0 degrees</p> <p>1 – 90 degrees</p> <p>2 – 180 degrees</p> <p>3 – 270 degrees</p>

Bolid SDK Orion v.2					
Registry section	DWORD parameter (32 bit)	Available values	Default	Product version	Parameter in effect
x32: (x32)\SDKOrion x64: (x64)\SDKOrion	AllUsersInDevices	0, 1	0	ACFA 6.0	The key specifies default value of the Save in device checkbox: 0 – checkbox is removed on default while user creation. 1 – checkbox is set on default while user creation.
x32: (x32)\SDKOrion x64: (x64)\SDKOrion	SkipUnusedInputs	0, 1	0	ACFA 6.0	The key is in use if it's required to add only configured (not disabled) loops on the dual loop controller while automatic search and configuring of integration objects. 0 – disabled loops are adding to hardware tree. 1 – disabled loops are not adding to hardware tree.

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Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\LPRVIEWER x64: (x64)\LPRVIEWER	protocollimit	<1000	-	4.7.5 and later	Sets number of lines shown in the protocol (this parameter is for testing only).
x32: (x32)\radar x64: (x64)\radar	EmulateRefreshSpeed	1 - 2147483647	100	4.7.5 and later	Radar emulator. Sets time period (ms) for refreshing data about speed in the radar emulation mode. 0 value blocks data refreshing.
x32: (x32)\radar x64: (x64)\radar	WriteSpeedOnTitles	0, 1	0	4.7.5 and later	Defines whether to write speed values on titles.
x32: (x32)\URMLPR x64: (x64)\URMLPR	DisableUrmOutput	0, 1	0	4.7.5 and later	Disables results output.
x32: (x32)\URMLPR x64: (x64)\URMLPR	GlobalUrmDebug	0, 1	0	4.7.5 and later	Enables displaying CZoneInfo objects in dbgview.

x32: (x32)\URMLP R x64: (x64)\URMLP R	OneSpeedDetect	0, 1	0	4.7.5 and later	Enables filtering the radar speed values.
x32: (x32)\URMLP R x64: (x64)\URMLP R	ReadSpeedFromTitles	0, 1	0	4.7.5 and later	Defines whether to read speed from titles or not.
x32: (x32)\URMLP R x64: (x64)\URMLP R	TestWidth	-	0	4.7.5 and later	Image width change (internal use only).
x32: (x32)\URMLP R x64: (x64)\URMLP R	TestHeight	-	0	4.7.5 and later	Image height change (internal use only).
x32: (x32)\URMLP R x64: (x64)\URMLP R	Time	-	-	4.7.5 and later	Saves time of the last viewed archive fragment in the test mode.
x32: (x32)\URMLP R x64: (x64)\URMLP R	UrmDebug	0, 1	0	4.7.5 and later	Enables recording of tiff files to UrmDebug folder.
x32: (x32)\URMLP R x64: (x64)\URMLP R	UrmSendProcessEvents	0, 1	0	4.7.5 and later	Sends beginning (VEHICLES_BEGIN) and ending (VEHICLES_END) parameters of license plate recognition to the core.
x32: (x32)\URMLP R x64: (x64)\URMLP R	UseTry	0, 1	0	4.7.5 and later	Enables the seh module.
x32: (x32)\URMLP R x64: (x64)\URMLP R	WriteUraganErrorBuf	0, 1	0	4.7.5 and later	If failure occurs, the uragan.buf file is created (only of UseTry=1).

x32: (x32)\URMLP R\UnitTest x64: (x64)\URMLP R\UnitTest	CountryName	Text	RUS	4.7.5 and later	Sets the test country name.
x32: (x32)\URMLP R\UnitTest x64: (x64)\URMLP R\UnitTest	Enabled	0, 1	0	4.7.5 and later	Enables/disables test.
x32: (x32)\URMLP R\UnitTest x64: (x64)\URMLP R\UnitTest	ExecuteSecond	>= 0	3	4.7.5 and later	Sets time of test execution.
x32: (x32)\URMLP R\UnitTest x64: (x64)\URMLP R\UnitTest	Number	Text	M038EH15 0	4.7.5 and later	Sets the test number.
x32: (x32)\URMLP R\UnitTest x64: (x64)\URMLP R\UnitTest	PlateHeightPercent	> 0	15	4.7.5 and later	Sets the test license plate height.
x32: (x32)\URMLP R\UnitTest x64: (x64)\URMLP R\UnitTest	PlateWidthPercent	> 0	25	4.7.5 and later	Sets the test license plate width.
x32: (x32)\URMLP R x64: (x64)\URMLP R	ParkingMode	0, 1	-	5.0	<p>Enabling the parking mode for recognizer:</p> <p>1 – parking mode is enabled. Recognition starts at ULPR START reaction. As soon as one license plate is recognized, the recognition stops.</p> <p>0 – <i>parking mode is disabled</i>. Recognition continues till getting the ULPR STOP reaction.</p> <p>Important! For correct operation of the key make sure that the Enable on motion detection trigger checkbox is set on the settings panel of the LPR channel object corresponding to the CARMEN-parking recognition module (see Setting the joint operation of the LPR channel and the motion detector of the Intellect platform).</p> <p><i>Note.</i> The ULPR START and ULPR STOP reactions are created using the scripts. Operator command, sensor triggering, motion detection tool triggering, etc. can cause the reaction.</p>

x32: (x32)\URMLP R x64: (x64)\URMLP R	SaveRawRecognitionResult	0,1	0	5.1	<p>When value = 1, the key allows saving frames transmitted from <i>Intellect</i> to the CARMEN Parking / CARMEN-Auto module.</p> <ul style="list-style-type: none"> For CARMEN Parking the frames are saved to the following folders: <Intellect installation folder>\Modules\CPD_RawResults\idDetector\ - frames with data for recognition. <Intellect installation folder >\Modules\CPD_RawResults\idDetector\NotFound - frames with no data for recognition. If value = 0, then frames are not saved. For CARMEN Auto the results are stored to the <Intellect>\Modules\CarmenResults\idDetector\ folder. The results are represented by pairs of files: ‘<recognition time in UTC format>.bmp’ file (with a frame to be recognized) and xml file with settings of the recognizer and recognition results. If the module is restarted, the Apply button is clicked or 5000 files are saved, then the specified folder and the data in it are automatically deleted and the folder is recreated. <p>When value = 1, frames are not saved.</p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	TrackOnlyRedLight	0, 1	1	5.1	<p>When value = 1, the key allows fixing violations by the traffic violations detection (crossing the stop line, stop over crosswalk line, running a red light) only for vehicles which crossed the stop line on red light.</p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	MaxStoppingSpeed	0 - 10000	1000	5.1	<p>Controls maximal speed in relative units (relatively from width and height of frame) at which the vehicle is still considered as the stopped vehicle (for the Stop over crosswalk line violation).</p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	RayHardwareDelay	>0	0	5.2	<p>Sets time (in milliseconds) corresponding to the delay with which events about green/red traffic lights are received.</p> <p>Example. If the key value is RayHardwareDelay=2000 and an event is received at 12:00:00, then the system thinks the event is received at 11:59:58.</p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	TimestampFontSize	>=139	139	5.2	<p>The key sets the text font size on the photo of the fine (containing date and time). The value is font size multiplied by 10. For instance, if the key is 139, then the font size will be 13,9pnt.</p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	ReadRayFromTitles	0, 1	0	5.3	<p>The key enables the multi-stream mode emulation in IntLab.</p> <p>0 – license plates recognition is performed when the ray, specified on the settings panel of the IntLab-Carriages module object, is open or closed (see Setting up the IntLab-Carriages module).</p> <p>1 – information about the time when the license plates recognition is to be started is taken from the titles overlaid on the video.</p>

x32: (x32)\URMLP R x64: (x64)\URMLP R	PlateImprover	0, 1, 2	0	5.3	<p>The key sets an algorithm of frame preparation before sending it to the <i>Carmen</i> license plate recognition module:</p> <p>0 – frames are sent to the <i>Carmen</i> license plate recognition module without pre-processing.</p> <p>1 – rectangular areas that may contain a license plate are searched in the frame. Only those rectangular areas that may contain a license plate are then forwarded to the <i>Carmen</i> license plate recognition module.</p> <p>2 – if any rectangular area that may contain a plate number is detected on the frame, the frame in whole is forwarded to the <i>Carmen</i> license plate recognition module. If the <i>Carmen</i> license plate recognition module detects a license plate, it tries to find another plate number, and time for recognition increases as a result.</p> <p>3 – if any rectangular area that may contain a plate number is detected on the frame, the frame in whole is forwarded to the <i>Carmen</i> license plate recognition module. If the <i>Carmen</i> license plate recognition module detects a license plate, it does not try to find another license plate.</p>
		0, 1, 2, 3		5.4	
x32: (x32)\URMLP R x64: (x64)\URMLP R	SpeedField	"FASTEST", "STRONGEST"	"FASTEST"	5.4	<p>"FASTEST" – a speed trap sends speed of the fastest object to the Intellect software</p> <p>"STRONGEST" – a speed trap sends speed of the biggest object to the Intellect software</p> <p>Important! <i>If values other than above are specified for the key, the Intellect software does not receive speed data from speed traps.</i></p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	Compress	0, 1	1	5.2	<p>The parameter is intended for disabling compression when transferring video from the video subsystem (the Camera object) to the LPR channel, if the video subsystem and the LPR channel are on the same local computer. This allows reducing the load on the Server processor.</p> <p>0 – the video is transmitted to the local LPR channel without compression.</p> <p>1 – the video is transmitted to the LPR channel after compression.</p>
x32: (x32)\URMLP R x64: (x64)\URMLP R	RemoteLpr.NearestTime	Full path to local or network folder	0	5.3	<p>The key specifies the time difference (in milliseconds) between the moments of receiving the frame and license plate recognition event, sufficient to allow these events to be linked. The key is to be in use if data about recognized license plates are not displayed on the On-line monitor in Auto Intellect, although there are recognition events in the Debug window.</p>
x32: (x32)\URMLPR R x64: (x64)\URMLPR R	LprDB.Path	0, 1	C: \ProgramData\AxxonSoft\LprDB	5.5	<p>Specifies the local or network folder for storing the recognized LP images and vehicle images if the LprDB.Use key value 1 (see below) is specified.</p>
x32: (x32)\URMLPR R x64: (x64)\URMLPR R	LprDB.Use	0, 1	1	5.5	<p>Specifies the way of storing images.</p> <p>0 – metadata and images are stored only in the database.</p> <p>1 – metadata is stored in the database, and images are stored in the local or network folder. Full path to the folder is specified by the LprDB.Path key (see above).</p> <p><i>Note. Recognized LP numbers information is stored in the database regardless of the LprDB.Use key.</i></p>
x32: (x32)\URMLPR R x64: (x64)\URMLPR R	LprDB.FreeMB	>0	5000	5.5	<p>Specifies the amount of free storage space in a directory. When its limit is exceeded, the overwriting process starts, rewriting the oldest images with the most recent ones. The key is used if the LprDB.Use key value is 1 (see above).</p>

x32: (x32)\URMLPR x64: (x64)\URMLPR	AutoUragan.SDKVersion	3.5, 3.7	3.5	5.5 and later	The key sets the SDK version which is being used in the Auto-Uragan software module.
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ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	PeakWorkingSetSizeQuota	>=0	100	from 8.0	The maximum memory size in megabytes used by the process videosrv.exe on ATM-Intellect Pro. If the parameter is set to 0, then the check for the used memory is not performed. Once a day, the ATM-Intellect Pro checks the size of the memory it uses. The check is performed at the time specified by the TimeOfCheckWorkingSetSize key (see below). After exceeding the specified value, the videosrv.exe module is rebooted.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	TimeOfCheckWorkingSetSize	>=0	3	from 8.0	Time to check memory usage in hours. Default value is 3 (3:00 AM). See also the PeakWorkingSetSizeQuota key description above.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	StoreVideoFiles	>0	3	from 5.0	Time period for storage of not completely downloaded files on ATM-Intellect Pro. After the storage period is exceeded, the not completely downloaded files are deleted.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	run_intellect	0.1	1	from 5.0	The key sets the ATM-Intellect Pro actions in case if the <i>Intellect</i> software is shut down. 0 – do not start the <i>Intellect</i> software 1 – start the <i>Intellect</i> software
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	socket_connect_timeout	>=0	0	from 5.0	The key defines TCP/IP connection mode with ATM-Intellect Workstation. 0 – blocking mode. ATM-Intellect Pro connects to ATM-Intellect Workstation without specifying connection timeout. >0 – non-blocking mode. ATM-Intellect Pro connects to ATM-Intellect Workstation with a connection timeout set by the socket_connect_tout > 0 parameter in seconds.

ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	write_buffer_enable	0,1	1	from 7.0	Data buffering while recording on disc when receiving video data on ATM-Intellect Workstation. ATM-Intellect Pro transfers video data to ATM-Intellect Workstation in packages of 800 to 4096 bytes (4096 by default). When buffering is enabled, a 264 Kb block of memory is allocated to the ATM-Intellect Workstation for receiving video data, and data is saved to the disk when this memory block is full, not every time a packet is received from ATM-Intellect Pro. 0 – buffering is enabled. 1 – buffering is disabled.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	stop_data_by_trx	0,1	1	from 5.0	The key determines the actions of ATM-Intellect Pro in case if, during the transfer of video data to ATM-Intellect ARM, a financial transaction has begun on the ATM. 0 – video data transfer is not stopped. 1 – video data transfer is suspended until financial transaction is completed.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	financial_trx_tout	>0	60	from 7.0	Timeout for waiting for the financial transaction to complete in minutes. If after the start of the financial transaction during the time-out, there is no message from the ATM about its end, it will be considered to be completed.

Restricting the Operator's access to the camera's functional menu and its options

x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the camera's menu. 0 - The menu is displayed. 1 - The menu is hidden.
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ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_ARM_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Arm menu option. 0 - The Arm menu option is displayed. 1 - The Arm menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_REC_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Start recording menu option. 0 - The Start recording menu option is displayed. 1 - The Start recording menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_CAMS_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Camera menu option. 0 - The Camera menu option is displayed. 1 - The Camera menu option is hidden.

ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_TITLES_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Show titles menu option. 0 - The Show titles menu option is displayed. 1 - The Show titles menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Processing menu option. 0 - The Processing menu option is displayed. 1 - The Processing menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_EXPORT_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Export menu option. 0 - The Export menu option is displayed. 1 - The Export menu option is hidden.

Restricting the Operator's access to the Processing menu within the camera's functional menu

ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_DEINTERLACE_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Deinterlacing menu option. 0 - The Deinterlacing menu option is displayed. 1 - The Deinterlacing menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_ZOOM_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Zoom-in menu option. 0 - The Zoom-in menu option is displayed. 1 - The Zoom-in menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_CONTRAST_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Contrast menu option. 0 - The Contrast menu option is displayed. 1 - The Contrast menu option is hidden.

ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_MASK_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Detector mask menu option. 0 - The Detector mask menu option is displayed. 1 - The Detector mask menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_SHARPNESS_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Sharpen menu option. 0 - The Sharpen menu option is displayed. 1 - The Sharpen menu option is hidden.
Restricting the Operator's access to the CamMonitor component buttons					
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_ARCH_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Archive button. 0 - The Archive button is displayed. 1 - The Archive button is hidden.

ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_TIME_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the time. 0 - The time is displayed. 1 - The time is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_NAME_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the camera name. 0 - The camera name is displayed. 1 - The camera name is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_MENU_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Menu button. 0 - The Menu button is displayed. 1 - The Menu button is hidden.

Restricting the Operator's access to the CamMonitor control via the keyboard and mouse

ATM-Intellect

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\HOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\HOST\CamMonitor	KEYS_DISABLE_OPTION	0, 1	0	from 11.0	The key disables the control over the CamMonitor component using the hotkeys available for Video Monitor (see Video Monitor). 0 - The control over the CamMonitor component using the hotkeys is enabled. 1 - The control over the CamMonitor component using the hotkeys is disabled.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\HOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\HOST\CamMonitor	TELEMETRY_ENABLE_OPTION	0, 1	0	from 11.0	The key enables the Telemetry control using the CamMonitor component (see Telemetry control). 0 - The Telemetry control using the CamMonitor component is disabled 1 - The Telemetry control using the CamMonitor component is enabled.

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ATM Event Capture

Registry section	String parameter	Available values	Default	Product version	Description
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	JrnTOut	>0	10	from 9.0	Timeout for waiting for the appearance of information about inserting the card in the ATM log in seconds after the actual insertion of the card. For m_JrnMode=2 mode only (MAK3 TUSSON)

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Registry section	String parameter	Available values	Default	Product version	Description
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	LPRDBsearchresultUnicodeBase64	0, 1	1	8.0	The key sets how to process message in param0<> for the SEARCH_RESULT event of the LPRDB ("External database") object – as ANSI line or Unicode line additionally encoded in base64. 0 – ANSI 1 – UnicodeBase64
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	PeakWorkingSetSizeQuota	>=0	100	from 8.0	The maximum memory size in megabytes used by the process videosrv.exe on Agent of Control. If the parameter is set to 0, then the check for the used memory is not performed. Once a day, the Agent of Control checks the size of the memory it uses. The check is performed at the time specified by the TimeOfCheckWorkingSetSize key (see below). After exceeding the specified value, the videosrv.exe module is rebooted.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	TimeOfCheckWorkingSetSize	>=0	3	from 8.0	Time to check memory usage in hours. Default value is 3 (3:00 AM). See also the PeakWorkingSetSizeQuota key description above.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	StoreVideoFiles	>0	3	from 5.0	Time period for storage of not completely downloaded files on Agent of Control. After the storage period is exceeded, the not completely downloaded files are deleted.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	run_intellect	0.1	1	from 5.0	The key sets the Agent of Control actions in case if the <i>Intellect</i> software is shut down. 0 – do not start the <i>Intellect</i> software 1 – start the <i>Intellect</i> software
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	socket_connect_tout	>=0	0	from 5.0	The key defines TCP/IP connection mode with Server of Control. 0 – blocking mode. Agent of Control connects to Server of Control without specifying connection timeout. >0 – non-blocking mode. Agent of Control connects to Server of Control with a connection timeout set by the socket_connect_tout > 0 parameter in seconds.

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	write_buffer_enable	0,1	1	from 7.0	Data buffering while recording on disc when receiving video data on Server of Control. Agent of Control transfers video data to Server of Control in packages of 800 to 4096 bytes (4096 by default). When buffering is enabled, a 264 Kb block of memory is allocated to the Server of Control for receiving video data, and data is saved to the disk when this memory block is full, not every time a packet is received from Agent of Control. 0 – buffering is enabled. 1 – buffering is disabled.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	stop_data_by_trx	0,1	1	from 5.0	The key determines the actions of Agent of Control in case if, during the transfer of video data to ATM-Intellect ARM, a financial transaction has begun on the ATM. 0 – video data transfer is not stopped. 1 – video data transfer is suspended until financial transaction is completed.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	financial_trx_tout	>0	60	from 7.0	Timeout for waiting for the financial transaction to complete in minutes. If after the start of the financial transaction during the time-out, there is no message from the ATM about its end, it will be considered to be completed.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	OldLogPanel	0,1	0	from 11.0	The key changes the Log Panel interface color theme. 0 - dark interface theme. 1 - light interface theme.
x32: (x32-ATM/Monitoring) x64: (x64-ATM/Monitoring)	StreamViewerExportPath	Text	<Intellect installation directory>\export	from 11.0	The key specifies the path to the catalog of frames and video clips which were exported from the <i>Monitoring</i> interface during the live and archive video playback from a certain camera. See Playing back live video and archive from a specific camera .

Restricting the Operator's access to the camera's functional menu and its options

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\HOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\HOST\CamMonitor	MENU_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the camera's menu. 0 - The menu is displayed. 1 - The menu is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\HOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\HOST\CamMonitor	MENU_ARM_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Arm menu option. 0 - The Arm menu option is displayed. 1 - The Arm menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\HOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\HOST\CamMonitor	MENU_REC_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Start recording menu option. 0 - The Start recording menu option is displayed. 1 - The Start recording menu option is hidden.

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_CAMS_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Camera menu option. 0 - The Camera menu option is displayed. 1 - The Camera menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_TITLES_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Show titles menu option. 0 - The Show titles menu option is displayed. 1 - The Show titles menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Processing menu option. 0 - The Processing menu option is displayed. 1 - The Processing menu option is hidden.

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_EXPORT_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Export menu option. 0 - The Export menu option is displayed. 1 - The Export menu option is hidden.
Restricting the Operator's access to the Processing menu within the camera's functional menu					
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_DEINTERLACE_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Deinterlacing menu option. 0 - The Deinterlacing menu option is displayed. 1 - The Deinterlacing menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_ZOOM_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Zoom-in menu option. 0 - The Zoom-in menu option is displayed. 1 - The Zoom-in menu option is hidden.

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_CONTRAST_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Contrast menu option. 0 - The Contrast menu option is displayed. 1 - The Contrast menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_MASK_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Detector mask menu option. 0 - The Detector mask menu option is displayed. 1 - The Detector mask menu option is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	MENU_PROCESSING_SHARPNESS_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Sharpen menu option. 0 - The Sharpen menu option is displayed. 1 - The Sharpen menu option is hidden.
Restricting the Operator's access to the CamMonitor component buttons					

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_ARCH_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Archive button. 0 - The Archive button is displayed. 1 - The Archive button is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_TIME_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the time. 0 - The time is displayed. 1 - The time is hidden.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_NAME_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the camera name. 0 - The camera name is displayed. 1 - The camera name is hidden.

Monitoring

Registry section	String parameter	Available values	Default	Product version	Description
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	BUTTON_MENU_DISABLE_OPTION	0, 1	0	from 11.0	The key hides the Menu button. 0 - The Menu button is displayed. 1 - The Menu button is hidden.
Restricting the Operator's access to the CamMonitor control via the keyboard and mouse					
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	KEYS_DISABLE_OPTION	0, 1	0	from 11.0	The key disables the control over the CamMonitor component using the hotkeys available for Video Monitor (see Video Monitor). 0 - The control over the CamMonitor component using the hotkeys is enabled. 1 - The control over the CamMonitor component using the hotkeys is disabled.
x32: HKEY_LOCAL_MACHINE\SOFTWARE\BitSoft\VHOST\CamMonitor x64: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\BitSoft\VHOST\CamMonitor	TELEMETRY_ENABLE_OPTION	0, 1	0	from 11.0	The key enables the Telemetry control using the CamMonitor component (see Telemetry control). 0 - The Telemetry control using the CamMonitor component is disabled 1 - The Telemetry control using the CamMonitor component is enabled.

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Differences between VideoIQ7 and Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	IntervalMinutes	>= 0	60	1.0.2 and later	Sets interval (min) between iterations of disk defragmentation.
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	IntervalOnStartMinutes	>= 0	60	1.0.2 and later	Sets interval (min) from system start to the first iteration of disk defragmentation.
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	MaxFileFragments Allowed	>= 0	10	1.0.2 and later	Defines the *.db3 file fragmentation threshold on the disk. It is calculated as a sum of fragments of idx.db3 and detectorevent.db3 files (log file is not taken into account). If after *.db3 files defragmentation the total number of fragments on the disk is greater than the threshold value, then the disk is defragmented.
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	ModeForFull	0 - 10	4	1.0.4 and later	Sets the mode to defragment files with *.db3 mask.

Differences between VideoIQ7 and Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	Mode	0-10	2	1.0.4 and later	0 - Analyze only, do not defragment or optimize. 1 - Analyze and modify, do not optimize. 2 - Analyze, modify and do quick defragmentation. 3 - Not recommended. Analyze, modify and optimize. 4 - Analyze and speed up at the same time. 5 - Analyze and go to the end of the disk. 6 - Analyze and sort files according to their name. 7 - Analyze and sort files according to their size (in ascending order). 8 - Analyze and sort files according to access time (starting from the latest). 9 - Analyze and sort files according to modification time (starting from the oldest). 10 - Analyze and sort files according to creation time (starting from the oldest).
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	ModeForPartial	0-10	3	1.0.4 and later	Sets the mode in which disk defragmentation starts.
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	FreeSpace	0 - 10	1	1.0.4	Sets free space on the disk (% from the total space).
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	Speed	0 - 100	3	1.0.4 and later	Sets the defragmentation speed (%).

Differences between VideoIQ7 and Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video\Defragmentation x64: (x64)\Video\Defragmentation	ThreadPriority	0 - THREAD_PRIORITY_LOWEST 1 - THREAD_PRIORITY_BELOW_NORMAL 2 - THREAD_PRIORITY_NORMAL 3 - THREAD_PRIORITY_ABOVE_NORMAL	0	1.0.4 and later	Sets the defragmentation priority.
x32: (x32)\Debug x64: (x64)\Debug	Module name	-	-	1.0.4 and later	Specifies the module for which messages will be filtered in the log file. For instance, if log files are to be filtered for video.exe process, then the folder is to have SOFTWARE\ITV\INTELLECT\Debug\video.exe name.
x32: (x32)\Debug x64: (x64)\Debug	Filter	Text	-	1.0.4 and later	Specifies an alphabetic word or word-combination that is to be in the message.
x32: (x32)\LMCGate x64: (x64)\LMCGate	SmartSearch	0, 1	1	up to 4.8.0	Defines whether forensic search is enabled or disabled: 0 – forensic search is disabled; 1- forensic search is enabled.
x32: (x32)\Video x64: (x64)\Video	scene	0, 1	1	1.0.5 SP1	Defines whether there is a scene in the configuration.
x32: (x32)\Video x64: (x64)\Video	momentquest	0, 1	1	1.0.5 SP1	MomentQuest application (0 – feature is disabled).

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