axxon Intellect

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

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.

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. HOTFIX 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.
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 and later	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 recording the archive.
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.
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.
		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.
x32: (X32)\Video **x64:** (x64)\Video	Cfg	-	name	4.7.3 and later	Sets the name of configuration file.
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.
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.
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	
			5000	4.9.6 and later	Sets free space in the section while storing the archive; when the limit is reached the earliest recordings will be deleted on loop.
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.
			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	Hubslowspeed	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.
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).
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	up to 4.7.6	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.

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	RebuildIndex	0, 1	-	4.7.6 and later	Is used when index is being rebuilt. If the system detects RebuildIndex=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.
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 and later	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 and later	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 and later	Defines whether to show the Time on the monitor.
x32: (X32)\Video **x64:** (x64)\Video	ShowTitle	0, 1	0	4.7.3 and later	Defines whether to show the monitor name instead of the time on the control panel.

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.
x32: (X32)\Video x64: (x64)\Video	TMDCorrellation	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.
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	1 - video stream is transmitted over the network if video from this camera is required. If video is not displayed on the Client, then the there is no stream from the camera and the network is not loaded. 0 - video stream is transmitted over the network regardless of whether video from this camera is required or not.
x32: (X32)\Video **x64:** (x64)\Video	ExtractWidth	0, 1	-	4.8.4	0 – partial decompression for MotionWavalet is disabled (stream from cameras is enhanced). 1 – partial decompression is enabled.
x32: (X32)\Video **x64:** (x64)\Video	TelemetryMouseWheel	0, 1	-	4.8.4	0 - digital image zooming and Telemetry zoom are performed using the mouse as described in 'Intellect software package. Operator guide'. 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.
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	>0	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	>0	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).
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 in 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. *Note. It is also possible to configure frame skipping while playing back the archive – see also info on MonitorSkipArchFramesEnable registration key.*
x32: (X32)\Video x64: (x64)\Video	MonitorFrameBuffer	>=0	-	4.8.2	The key specifies the buffer size when displaying live video from IP cameras.

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.
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 operaton 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	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: • 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. 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.
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.

x32: (X32)\Video x64: (x64)\Video	ResetFastPlay	0, 1	-	4.9.2	The key is not created by default, i.e. the value is 0. The key defines the playback speed if the playbeck is paused and then resumed at fast archive playback: 0 – playback will be resumed with the same speed as before pause. 1 - playback will be resumed with normal speed.
x32: (X32)\Video x64: (x64)\Video	TelemetryMouseZoom	0, 1	1	4.9.2	The key allows disabling the control of optical zoom function by mouse buttons. 0 – control of optical zoom by means of long pressing of left or right mouse buttons is not functioned. 1 - control of optical zoom by means of long pressing of left or right mouse buttons is functioned.
x32:(X32)\Video\RTSPTimeout x64:(x64)\Video\RTSPTimeout	< camera manufacturer >	0-100	10	DriverPack 3.2.26.1489 and later	Sets max. time interval at the end of which the following frame is sent through the video gate. 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.
x32: (X32)\Video x64: (x64)\Video	UnlimitMonitorSize	0, 1	0	4.9.3	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 *Intellect* is not guaranteed.
x32: (X32)\Debug x64: (x64)\Debug	ShowDisplayingFps	0, 1	0	4.9.3	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. *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.* The **Camera**-based **Captioner** object is to be created in order to use this function.
x32: (X32)\Video x64: (x64)\Video	StartPlayFromPFrame	0,1	1	4.9.3	After using frame-by-frame reverse playback, when returning to the normal playback mode: 0 – playback starts from the nearest previous key frame. 1 - playback starts from the nearest previous key frame (difference, R frame).

x32: (X32)\Video x64: (x64)\Video	UseServerTime	Comma-separated IDs of cameras in *Intellect*, or * *Note. Use all instead of * value in versions up to 4.9.8*	-		4.9.3	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. The key sets list of IP-cameras for which time of frame will be set according to system time of the *Intellect* server while reading frames from the network. *Note. The key can be used for cameras with absolute time (e.g. Tattile cameras). Other cameras synchronize with server time on default.* **Example**. When the value of registry key is "1,10,135", time of Server will be applied on cameras 1, 10 and 135. If value of key is * then server time will be applied for all cameras.
x32: (X32)\Video x64: (x64)\Video	MxpegResetCounter	>=0	13		4.9.5 DP 3.2.30	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. The key is in use if there is no video in Intellect when MxPEG codec operates with MxPEG decompressor. In this case the value of the key is to be reduced.
x32: (x32)\Video x64: (x64)\Video	TelemetryMouseAlternative	0, 1	1		4.9.5	0 – previously used Mouse PTZ control mode is in use. 1 – a new Mouse PTZ control mode is in use. See Mouse PTZ control.
x32: (x32)\Video x64: (x64)\Video	ContinousMode	Identifiers of cameras, divided by comma, for which continuous PTZ mode is enabled. Example: 2,3,1	-		4.9.5	In the Continous mode camera lens is re-focused slowly – arrow indicating the re-focus direction smoothly follows the pointer. To use the Continous mode, the camera is to support this mode. 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.
x32: (x32)\Video x64: (x64)\Video	MonitorSkipArchFramesEnable	0, 1	0 1		4.9.0 to 4.9.4 from 4.9.5 to 4.9.7 from 4.10.1	The key enables frame skipping while playing back the archive. 0 – all frames are displayed. Lack of resources results in video playback with artifacts and audio is unsynchronized with video. 1 – lack of resources results in skipping some frames and video playback with artifacts. *Note. See also info on FastPlayMpegSkip registration key.*

x32: (x32)\Video **x64:** (x64)\Video	TempWritingDir	Path to a folder	-	4.9.6 ***Attention! Usage of this key is not recommended in version 4.9.7 and later.***	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. ***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.*** 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). 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. 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. 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%. There should be not less than 100 Mb of free space in TempWritingDir folder. To improve performance of data copying from TempWritingDir to NAS create TempWritingDir folder in RAM using special software, for example SoftPerfect RAM disk.
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. *Note. Restart of operating system can be required to apply settings while changing the key value.*

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 *Intellect* 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. *Note. It's required to install the Intellect Detector Pack (version>=2.1.0) for correct key operation.*
x32: (x32)\Video **x64:** (x64)\Video	VMDAEXT.EXT	>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 detectror_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 is in use with the TempWritingDir key (see above). It sets number of frames storing in RAM until start of data record to buffer for Mpeg, MJpeg and MotionWavelet codecs. *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.*
x32: (x32)\ **x64:** (x64)\	ClearProtocolFromCurrentTime	0,1	0	4.9.8	The key is for changing the way of deleting archive of events at the end of storage period (see Configuring events logging): 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 won't be deleted. 0 – storage period of records is counted from the date of creation the newest record. Events "from the future" will be deleted. *Note. Deletion is performed at 00:00:00 in case of active license.*
x32: (x32)\Video **x64:** (x64)\Video	MemFile	-1, 0, 1	-1	4.9.8	The key specifies the way of archive record to disk or network storage: 0 – each frame is recording to disk at once. This value is not recommended to use for network storages. 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. Memory consumption is highly increasing in this case. -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.
x32: (X32)\Video\AVI **x64:** (x64)\Video\AVI	SubtitlesFontSize	>0	-	4.9.0	Font size of captions with camera name and time while export from the Monitor. *Note. Captions overlaid using the **Captioner** object are configured separately on the settings panel of the **Captioner** object.*

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\Video **x64:** (x64)\Video	TelemetryArrowLen	0 – 100	50	4.9.8	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.
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.

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.

Core

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
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 and later	Sets Server-computer ping period.
x32: (x32) **x64:** (x64)	CheckVersion	0, 1	0	4.7.4 and later	Sets the parameters of Server connection: the version is checked in *connected version* 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) **x64:** (x64)	Debug	1,2,3	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.
x32: (x32) **x64:** (x64)	DebugExtension	Any string	LOG	4.7.3 and later	Sets extensions of log files.
x32: (x32) **x64:** (x64)	DebugFlushPeriod	> = 0	500	4.7.4 and later	Sets the update rate for log files (ms).
x32: (x32) **x64:** (x64)	DebugOptions	Range in *decimal* 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) **x64:** (x64)	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) **x64:** (x64)	DebugSize	0-2147483647	1	4.7.3 and later	Specifies the number of megabytes provided for log. Restricted by disk capacity.
x32: (x32) **x64:** (x64)	DebugTime	0-2147483647	48	4.7.3 and later	Specifies the number of hours for storing log files.
x32: (x32) **x64:** (x64)	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) **x64:** (x64)	DisableProtocol	0, 1	0	4.7.3 and later	Allows disabling protocol.

x32: (x32) x64: (x64)	DisableThreadStatQueue	0, 1	0	4.8.0 and later	By default the key is not created. Defines whether the queue statistics is called or not. If the registry key value=1, then the box can not be called. To call the **Queue statistics** box, follow the steps: • *Intellect* 4.9.2 and older – press F2 • *Intellect* 4.9.3 and later – press Alt+F2 key combination
x32: (x32) x64: (x64)	InstallFolder		Intellect	4.7.3 and later	Specifies the installation folder.
x32: (x32) x64: (x64)	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) x64: (x64)	Language	0x0419	-	4.7.3 and later	Specifies the language to use (0x0419 - English).
x32: (x32) x64: (x64)	LogIncommingMsg	0, 1	not created	up to 4.8.0	Defines whether logging of incoming events is enabled or not.
x32: (x32) x64: (x64)	LogOutgoingMsg	0, 1	not created	up to 4.8.0	Defines whether logging of outgoing events is enabled or not.
x32: (x32) x64: (x64)	LogStatistics	0, 1	not created	up to 4.8.0	Defines whether the statistics is logged or not.
x32: (x32) x64: (x64)	OnlyLocalProtocol	0, 1	0	4.7.3 and later	Only local events are logged.
x32: (x32) x64: (x64)	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.
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	10	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)\ IntellectRunService x64: (x64)\ IntellectRunService	RestartIntellectOnLogonDisable	0, 1	0	4.9.0 and later	1 – Intellect installed as a Service is not restarted under the current user even for users belonging to the IntellectUsers group. 0 – Intellect installed as a Service is restarted under the current user only if the user belongs to the IntellectUsers group.
x32: (x32)\ IntellectRunService x64: (x64)\ IntellectRunService	CheckUserForRestartIntellectDisable	0, 1	-	4.9.0 and later	0 – Intellect installed as a Service is restarted (when entering the system) under the current user only if the user belongs to the IntellectUsers group. 1 – Intellect installed as a Service is restarted (when entering the system) under the current user even if the user doesn't belong to the IntellectUsers group. The settings of permissions are to be taken into account when using this key. If the permissions are set incorrectly, then some Intellect features can operate incorrectly.
x32: (x32) x64: (x64)	ShowHiddenObjects	0, 1	0	4.9.0 and later	0 – hidden objects corresponding to IntegratedAudioSource and IntegratedVideoSource objects, as well as to Integrated device child objects are not shown in the object tree in Intellect. 1 – hidden objects are shown in the object tree in Intellect. Intellect is to be restarted when the key value is changed.
x32: (x32) x64: (x64)	InheritServiceEnviroment	0, 1	-	4.8.8 only	The key is essential for proper operation of Intellect in MS failover cluster.

x32: (x32)\ IntellectRunService\ **x64:** (x64)\ IntellectRunService\	InheritServiceEnvironment	0, 1	-	4.9.0 and later	The key is essential for proper operation of Intellect in MS failover cluster.
x32: (x32) **x64:** (x64)	SortCamsById	0, 1	-	4.8.8 and later	The key is responsible for sorting the list of cameras on the settings panel of the Monitor object. 1 – cameras are sorted by ID; 0 – cameras are sorted by names.
x32: (x32) **x64:** (x64)	EventProcessingThreads	>=0	0	4.9.0	Key reserves the specified number of streams for events processing.
x32: (x32)\Debug **x64:** (x64)\Debug	DumpYUV	0, 1	-	4.9.0.959	Key activates the mode of video dump corresponding to compressor. It is required for diagnostics of StreamLabs (motionWavelet7.1) compressor/decompressor problems. File (or files) with decompressed data will be created by key in the Modules directory. Names of files correspond to the template: WxH_hv_chunk_№.yuv W – width; H – height; h – horizontal subsampling; v – vertical subsampling; № - number of file. If resolution or subsampling are changed the new file openes. For example, file with resolution 640x480 in YUV420 color area will have the 640x480_22_chunk_0.yuv name.
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.
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 *Intellect*.

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 | - | The key is for specifying the way of sorting objects in the tree:

0 – sorting by name.

1 – sorting by ID. |

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	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. This parameter is not supported by IP cameras.
x32: (X32)\ TELEMETRY x64: (x64)\TELEMETRY	JoysticThreshold	> = 0	5	4.7.6 HOTFIX and later	This parameter sets the joystick trigger threshold: the less the number is, the more sensitive joystick is. 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.
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)\TELE METRY	PnPJoystick	0, 1	0	4.8.3 and later	The key defines whether to restart Intellect after connecting a joystick: 0 - Intellect is to be restarted after connecting the joystick. 1 - Intellect is not to be restarted after connecting the joystick.
x32: (X32)\ TELEMETRY **x64:** (x64)\TELE METRY	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)\TELEM ETRY	ZoomSpeed850	0,1	1	4.9.0 and later	The key is used in order to set the zoom step when panasonic-850 telemetry protocol is in use: 1 – zooming with 50% step of max. possible 0 – zooming with 20% step of max. possible
x32: (X32)\ TELEMETRY **x64:**(x64)\TELEM ETRY	Zdirection	0, 1	0	4.7.6	The key is responsible for coordinate move in the Z-direction.
x32: (X32)\ TELEMETRY **x64:**(x64)\TELEM ETRY	Ydirection	0, 1	0	4.7.6	The key is responsible for coordinate move in the Y-direction.
x32: (X32)\ TELEMETRY **x64:**(x64)\TELEM ETRY	Xdirection	0, 1	0	4.7.6	The key is responsible for coordinate move in the X-direction.
x32: (X32)\ TELEMETRY **x64:**(x64)\TELEM ETRY	WaitDelay	>=0	0	4.7.5	If a joystick sends the messages about its state to *Intellect* too frequently and *Intellect* 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)\TELEM ETRY	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 *Intellect* core which send them to devices. See also description of the MonitorToTelemetryDirectCommand key below.

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
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 *Intellect* 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.***

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.

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.

Disabling system objects

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Subscribe **x64:** (x64)\Subscribe	OBJECT_NAME	(*) (№.*) (№.№)		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.

IP integration

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 - IIntegratedDevice operates as a separate run-module.

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\Video\MetadataTransportPr otocols **x64:** (x64)\Video\MetadataTransportPr otocols	The name of camera driver (in the driver parameter of the **C:\Program Files\ Common 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 when, for instance, connection to the camera is lost. 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.

Import module

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

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\ events **x64:** (x64)\ events	Events_out	-	-	up to 4.7.5	Debug key
x32: (X32)\ events **x64:** (x64)\ events	Events_out2	-	-	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_out	-	-	up to 4.7.5	Debug key

Special keyboard

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (X32)\ Keyb **x64:** HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\ITV\ INTELLECT\Keyb	Prefix		0x60 0x61 0x62 0x63 0x64 0x65 0x66 0x67 0x68 0x69 0x6A 0x6B 0x6C 0x6D 0x6E 0x6F	4.7.3 and later	The list is not full. Any soft key can be in use.

		VK_NUMPAD0	0x70		
		VK_NUMPAD1			
		VK_NUMPAD2	0x71		
		VK_NUMPAD3			
		VK_NUMPAD4	0x72		
		VK_NUMPAD5			
		VK_NUMPAD6	0x73		
		VK_NUMPAD7			
		VK_NUMPAD8	0x74		
		VK_NUMPAD9			
		VK_MULTIPLY	0x75		
		VK_ADD			
		VK_SEPARATOR	0x76		
		VK_SUBTRACT			
		VK_DECIMAL	0x77		
		VK_DIVIDE			
		VK_F1	0x78		
		VK_F2			
		VK_F3	0x79		
		VK_F4			
		VK_F5	0x7A		
		VK_F6			
		VK_F7	0x7B		
		VK_F8			
		VK_F9	0x7C		
		VK_F10			
		VK_F11	0x7D		
		VK_F12			
		VK_F13	0x7E		
		VK_F14			
		VK_F15	0x7F		
		VK_F16			
		VK_F17	0x80		
		VK_F18			
		VK_F19	0x81		
		VK_F20			
		VK_F21	0x82		
		VK_F22			
		VK_F23	0x83		
		VK_F24			
			0x84		
			0x85		
			0x86		
			0x87		
x32:(X32)\ Keyb **x64:**(x64)\Keyb	ProcessAll	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.

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.

Web Server

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\WebSer ver\ **x64**: (x64)\WebServer\	RequestTimeout	>0	10000	4.9.0	Sets max.time (in milliseconds) for Server to process a request.
x32: (x32)\WebSer ver\ **x64**: (x64)\WebServer\	ConnectionTimeoutAtIdle	>0	30000	4.9.0	Sets max.time (in milliseconds) for connection inactivity between Client and Server. Inactive connection is disconnected upon timeout.

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 overlaied. In these cases the object icons can be erroneously displayed because of background caching. To fix these bugs you should disable caching by specifying *1* value for the key. Take into account the fact that caching disabling can cause high CPU load.

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.

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	The key is to be created with value 1 if a USB modem is connected to *Intellect* and it operates in *Intellect*, but *Intellect* does not get the RECEIVE event from SMS object when sending messages to such modem. HUAWEI E173 is an example of such modem. ***Important! SMS messages are to be stored on SIM for proper operation of the registry key.*** ***Important! When the key is in use, SMS messages sent to the modem are deleted.***

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)).

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

x32:(X32)\Video\ VMDA **x64:**(x64)\Video\ VMDA				4.9.8 and later	unattended object detection tool (that is a third-party module) it sends synthetic timestamps by default.
x32: (X32)\Video **x64:** (x64)\Video	unattendedObjectSensitivity	Comma-separated sensitivity values in the 'camera id.sensitivity' format.	7 for all cameras	4.9.5 to 4.9.7	Sets sensitivity of unattended objects detection tool for specified cameras.
x32:(X32)\Video\ VMDA **x64:**(x64)\Video\ VMDA		Sensitivity range –[1…25] EXAMPLE: unattendedObjectSensitivity="1.15,99.20,4.7"		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\ VMDA **x64:**(x64)\Video\ VMDA				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.	By default it is the same as the waiting for loss period set while configuring the Tracker object (see Cr eating 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\ VMDA **x64:**(x64)\Video\ VMDA		EXAMPLE unattendedObjectTimeBeforeCheck = "4.20,1.10,3.40"		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\ VMDA **x64:**(x64)\Video\ VMDA				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
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. For proper operation of the tracker determineGivenTaken and determineHumanCar keys MUST be used at the same

x32:(X32)\Video\ VMDA **x64:**(x64)\Video\ VMDA				4.9.8 and later	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).***
x32:(x32)\Video\ VMDA **x64:**(x64)\Video\ VMDA	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\ VMDA **x64:**(x64)\Video\ VMDA	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\ VMDA **x64:**(x64)\Video\ VMDA	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\ VMDA **x64:**(x64)\Video\ VMDA	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\ VMDA **x64:**(x64)\Video\ VMDA	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.

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32:(x32)\Video\ VMDA **x64:**(x64)\Video\ VMDA	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.
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.

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.

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.

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\POS **x64:** (x64)\POS	Dos2Win	0, 1	1	4.7.3 and later	Detects encoding: 1 - read XML encoding in DOS codepage; 0 - read XML as it is
x32: (x32)\POS **x64:** (x64)\POS	GlobalTextDelay	-	0	4.7.3 and later	Sets the shift of Text data from video to TextSearch.
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.

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	Sets the parameters of generating and attaching face biometrics in the detection tool: 1 – Face detection tools generate and attach face biometrics to the photo. 0 – Face detection tools do not generate face biometrics - the face is only captured. *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. 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.*
x32: (x32)\FRS **x64:** (x64)\FRS	SaveUnrecognizedFaces	0, 1	0	6.0	Specifies what data will be stored in the database when using the Face recognition Server: 1 - all captured faces. 0 - only the faces about which there are recognition results. The key is in use in order to avoid the database overflow.

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Detectors pack

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.

ACFA Intellect

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
Rovalant A6-A16 ISS					
x32: (x32)\Rovalant_A6_A16 **x64:** (x64)\Rovalant_A6_A16	access_point_count	-	10	4.7.6 and later	Internal module setting. You'd better not modify the key.
x32: (x32)\Rovalant_A6_A16 **x64:** (x64)\Rovalant_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.
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).
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	UseThreadDynamicProcess	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.
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 *prohibited access* 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.
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 nn ms 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\Dll **x64:** (x64)\Nac\Dll	show_progress	0, 1	1	4.7.4 and later	Defines whether to show the progress when forwarding the configuration.
SATEL FAS ACS					

x32 / x64	Key	Value Range	Default	Version	Description
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.
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 form 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	
Bolid SDK Orion v.2					
x32: (x32)\SDKOrion **x64:** (x64)\SDKOrion	AllUsersInDevices	0, 1	0	ACFA 5.5	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.

Registry section	String parameter	Available values	Default	Product version	Parameter in effect
x32: (x32)\SDKOrion **x64:** (x64)\SDKOrion	SkipUnusedInputs	0, 1	0	ACFA 5.5	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.

AUTO Intellect

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)\URMLPR **x64:** (x64)\URMLPR	OneSpeedDetect	0, 1	0	4.7.5 and later	Enables filtering the radar speed values.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	ReadSpeedFromTitles	0, 1	0	4.7.5 and later	Defines whether to read speed from titles or not.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	TestWidth	-	0	4.7.5 and later	Image width change (internal use only).
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	TestHeight	-	0	4.7.5 and later	Image height change (internal use only).
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	Time	-	-	4.7.5 and later	Saves time of the last viewed archive fragment in the test mode.

x32: (x32)\URMLPR **x64:** (x64)\URMLPR	UrmDebug	0, 1	0	4.7.5 and later	Enables recording of tiff files to UrmDebug folder.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	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)\URMLPR **x64:** (x64)\URMLPR	UseTry	0, 1	0	4.7.5 and later	Enables the seh module.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	WriteUraganErrorBuf	0, 1	0	4.7.5 and later	If failure occurs, the uragan.buf file is created (only of UseTry=1).
x32: (x32)\URMLPR\U nitTest **x64:** (x64)\URMLPR\U nitTest	CountryName	Text	RUS	4.7.5 and later	Sets the test country name.
x32: (x32)\URMLPR\U nitTest **x64:** (x64)\URMLPR\U nitTest	Enabled	0, 1	0	4.7.5 and later	Enables/disables test.
x32: (x32)\URMLPR\U nitTest **x64:** (x64)\URMLPR\U nitTest	ExecuteSecond	> = 0	3	4.7.5 and later	Sets time of test execution.
x32: (x32)\URMLPR\U nitTest **x64:** (x64)\URMLPR\U nitTest	Number	Текст	M038EH150	4.7.5 and later	Sets the test number.
x32: (x32)\URMLPR\U nitTest **x64:** (x64)\URMLPR\U nitTest	PlateHeightPercent	> 0	15	4.7.5 and later	Sets the test license plate height.
x32: (x32)\URMLPR\U nitTest **x64:** (x64)\URMLPR\U nitTest	PlateWidthPercent	> 0	25	4.7.5 and later	Sets the test license plate width.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	ParkingMode	0, 1	-	5.0	Enabling the parking mode for recognizer: 1 – parking mode is enabled. Recognition starts at ULPR| MD_START reaction. As soon as one license plate is recognized, the recognition stops. 0 – *parking mode is disabled*. Recognition continues till getting the ULPR| MD_STOP reaction. *Note. The ULPR| MD_START and ULPR|MD_STOP reactions are created using the scripts. Operator command, sensor triggering, motion detection tool triggering, etc. can cause the reaction.*

x32: (x32)\URMLPR **x64:** (x64)\URMLPR	SaveRawRecognitionResult	0,1	0	5.1	When value = 1, the key allows saving frames transmitted from *Intellect* to the CARMEN Parking / CARMEN-Auto module. • 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. When value = 1, frames are not saved.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	TrackOnlyRedLight	0, 1	1	5.1	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.
x32: (x32)\URMLPR **x64:** (x64)\URMLPR	MaxStoppingSpeed	0 - 10000	1000	5.1	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).

- **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	MaxFileFragmentsAllowed	> = 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.

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 (%).
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).