Connecting cameras via the GB/T28181 protocol

Axxon Next supports connecting devices via the Chinese standard GB/T28181. As of when this document was written, Axxon Next supports H.264 video and telemetry. For the most up-to-date information on this standard and the features supported in Axxon Next, see the Documentation Drivers Pack.

Before connecting a camera via this protocol to Axxon Next, perform the following steps to configure the device:

1. Set the Server IP to equal the Server's IP address.
2. Set the Server port to 5060.
3. Set the Device ID. The ID should be set on all cameras connected via the GB/T28181 protocol and must be unique.
4. For the device to perform autodiscovery of the Server more quickly, reduce the default value of RefreshRegTime. The name of this setting may vary on some cameras.

After configuring the device as described earlier, add it to Axxon Next as follows:

1. Click the button to add a Camera object.
2. Select GBT28181 in the manufacturer list (1).
3. In the Address field, enter the Device ID used for configuring the IP device (3).
4. In the Port field, enter 5060 (2).
5. Click the Apply button.
   The Camera object is now created.
6. Select the object and set the authentication parameters.

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**Note**

Configuration of IP devices connected via GB/T28181 is performed through the web interface of the devices. Settings are not sent from Axxon Next to the device.

**Note**

For telemetry to work correctly, set RefreshRegTime to more than 600.

**Attention!**

For a camera to work correctly via GB/T28181, it must be on the same LAN as the Server.

**Note**

Addition of cameras via GB/T28181 to Axxon Next must be performed manually.
7. Click the **Apply** button.

Connection of the camera via GB/T28181 is now complete.