

 **NOTE**

If the IP camera to add has not been activated, you can activate it from the IP camera list on the camera management interface.

3.2 Manage Cameras for PoE Device

 **NOTE**

This chapter is only applicable for the following models: Pro Series Device.

Purpose:

The PoE interfaces enables the device system to pass electrical power safely, along with data, on Ethernet cabling to the connected PoE cameras. Supported PoE camera number varies with device model

If you disable the PoE interface, you can also connect to the online network cameras. And the PoE interface supports the Plug-and-Play function.

Follow the steps to add network cameras for device supporting PoE function.

3.2.1 Add PoE Cameras

Step 1 Connect PoE cameras to device PoE ports with network cables.

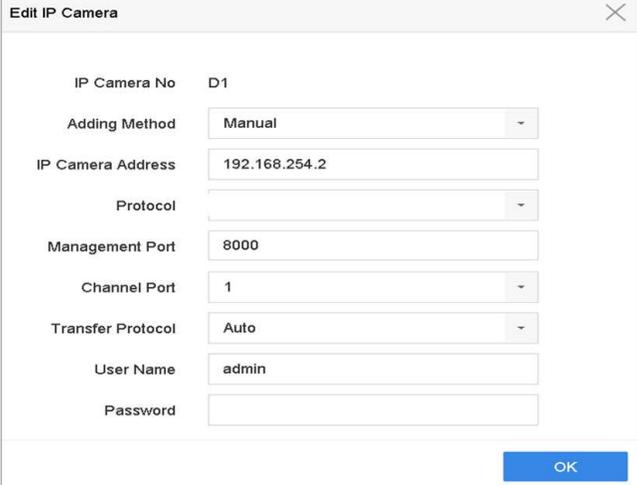
Step 2 Go to **Camera > Camera > IP Camera** to view camera image and information.

3.2.2 Add Non-PoE IP Cameras

You can disable the PoE interface by selecting the manual while the current channel can be used as a normal channel and the parameters can also be edited.

Step 1 Go to **Camera > Camera > IP Camera**.

Step 2 Position the cursor on a window with no linked IP camera and click the  button.



IP Camera No	D1
Adding Method	Manual
IP Camera Address	192.168.254.2
Protocol	
Management Port	8000
Channel Port	1
Transfer Protocol	Auto
User Name	admin
Password	

OK

Figure 3-3 Edit IP Camera

Step 3 Select Adding Method as **Manual**.

- **Plug-and-Play:** The camera is physically connected to the PoE interface. Its parameters cannot be edited. You can go to **System > Network > TCP/IP** to change IP address of PoE port.
- **Manual:** Add IP camera without physical connection via network.

Step 4 Enter the IP address, the user name and password of administrator manually.

Step 5 Click **OK**.

3.2.3 Configure PoE Interface

Purpose:

When it requires long-distance PoE transmission (100 to 300 m), you can enable long distance mode for the PoE channel.

Step 1 Go to **Camera > Camera > PoE Settings**.

Step 2 Enable or disable long network cable mode by selecting **Long Distance** or **Short Distance** radio.

- **Long Distance:** Long-distance (100 to 300 meters) network transmissions via POE interface.
- **Short Distance:** Short-distance (< 100 meters) network transmission via POE interface.

Channel	<input type="radio"/> Long Distance	<input checked="" type="radio"/> Short Distance	Channel Status	Actual Power
D1	<input checked="" type="radio"/>	<input type="radio"/>	Disconnected	0.0W
D2	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D5	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D6	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D7	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D8	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D9	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D10	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D11	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D12	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D13	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D14	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D15	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W
D16	<input type="radio"/>	<input checked="" type="radio"/>	Disconnected	0.0W

Actual power: 0.0W. Remaining power: 200.0W. 0%

Apply

Figure 3-4 PoE Settings

NOTE

- The PoE ports are enabled with the short distance mode by default.
- The bandwidth of IP camera connected to the PoE via long network cable (100 to 300 meters) cannot exceed 6 MP.
- The allowed max. long network cable may be less than 300 meters depending on different IP camera models and cable materials.
- When the transmission distance reaches 100 to 250 meters, you must use the CAT5E or CAT6 network cable to connect with the PoE interface.
- When the transmission distance reaches 250 to 300 meters, you must use the CAT6 network cable to connect with the PoE interface.

Step 3 Click **Apply**.

3.3 Enable the H.265 Stream Access

The device can automatically switch to the H.265 stream of IP camera (which supports H.265 video format) for the initial access.

Step 1 Go to **More Settings > H.265 Auto Switch Configuration** at the top taskbar.

Step 2 Check the checkbox of **Enable H.265 (For Initial Access)**.

Step 3 Click **OK**.