



User Manual



Smart Tools



All Software & files can be downloaded from
<http://www.milesight.com/support/download.asp>

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QUICK START GUIDE

Mini PTZ Dome Network Camera



IP VIDEO SURVEILLANCE

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1. Quick Installation Steps

Mini PTZ Dome Network Camera supports to get the cables out from the side. Loose the screw on the bottom if you need.

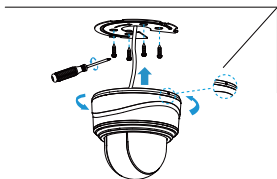


Check the wall or ceiling condition. Ensure that it is strong enough to avoid flaking. It should be able to bear the weight eight times heavier than the camera's.

Install with Mounting Bracket

Step1: Fix the mounting bracket on the position where the camera is intended to be installed;

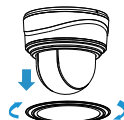
Step2: Connect the cables. Then rotate the camera to the mounting bracket and tighten setscrew.



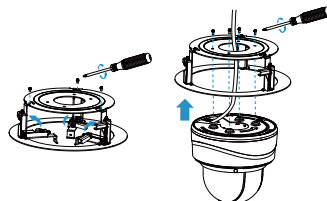
Install with Recessed Mount (A78)

Step1: Ensure that the thickness of ceiling is less than 30mm, then drill a round hole whose diameter is 220mm on it;

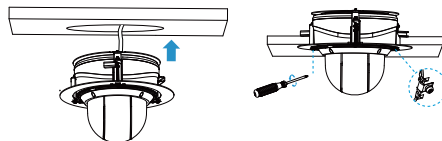
Step2: Hold the camera and turn the top cover clockwise, then take it off;



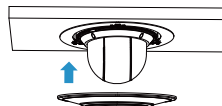
Step3: Assemble the Recessed Mount, set the support up and screw the fixation plate to them. Then tightly lock camera with mounting bracket to the Recessed Mount;



Step4: Put the camera and Recessed Mount to the drilled hole. Screw it tightly to fix them in the ceiling;

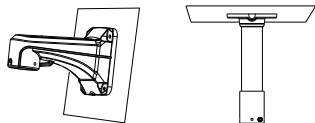


Step5: Put the Recessed Mount cover on.

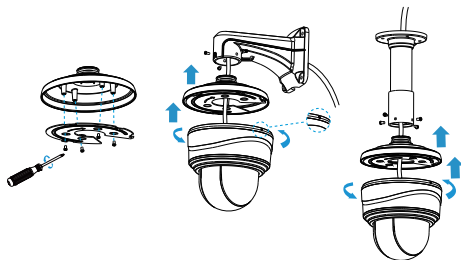


Install with Wall Mount (A77) or Pendant Mount (A79)

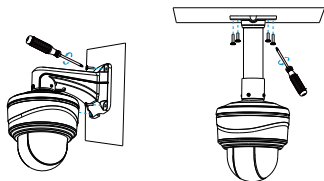
Step1: Use the wall or ceiling hanging holder to mark the holes. Drill 4 holes on the wall or ceiling;



Step2: Screw the mounting bracket to the wall mount (A77) or pendant mount (A79). Screw the mounting bracket and holder, put the cables through them. Rotate the camera to the mounting bracket and tighten the setscrew;

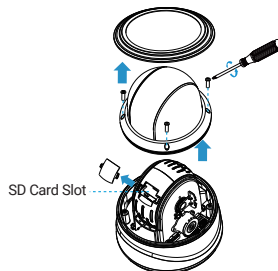


Step3: Match the holder to the holes on the wall or ceiling, then tighten the screws.

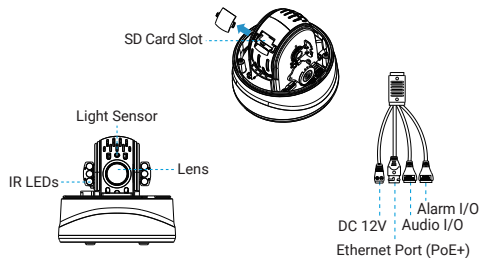


Note:

Loosen the screws of the dome cover and take it off. Then loosen the screws on the back of dome body to get access to the SD card slot if you need.



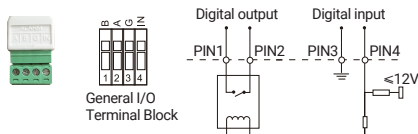
2. Hardware Overview



Note:

- 1) Reset Button: Press "Reset" button for 5 seconds, then the device will be restored to factory default;
- 2) DC and PoE+ are available for power supply.

3. How to Connect to Alarm Interface



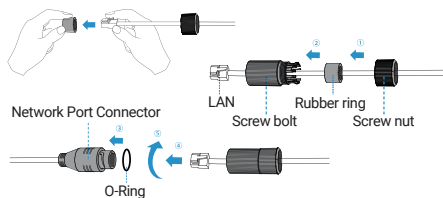
PIN1: Alarm Output NC/NO 24V DC 1A

PIN2: Alarm Output NC/NO 24V DC 1A

PIN3: Alarm Input NC/NO $\leq 12V$

PIN4: Alarm Input NC/NO $\leq 12V$

4. How to Connect the Water-proof Connector



Step1: Get the network cable through the screw nut, rubber ring and the screw bolt;

Step2: Insert the rubber ring into the screw bolt;

Step3: Connect the screw nut to the screw bolt;

Step4: Place the O-Ring on the network port connector;

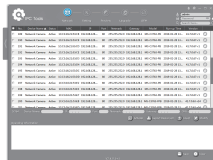
Step5: Connect the RJ45 to the network port connector, tighten the screw bolt and the connector.

Note:

Please tightly wrapped all cable-out interface with adhesive tape at last to prevent them from water.

5. Assigning an IP Address by Using Smart Tools

Smart Tools is a software tool which can automatically detect multiple online Milesight network cameras in the LAN, set IP addresses, and manage firmware upgrades. It's recommended to use when assigning IP addresses for multiple cameras.



The steps to change the IP of camera are as below:

- 1) Start Smart Tools, click the IPC Tools page, then enter the device information, such as IP address, MAC address, Port number, Netmask, and Gateway, then all related Milesight network cameras in the same network that will be shown.
- 2) Select a camera or multiple cameras according to the MAC addresses.
- 3) Click "Activate" to set the password when using the cameras for the first time (Password must be 8 to 32 characters long, contain at least one number and one letter), and set three security questions (If you forget the password, you can reset the password by answering three security questions correctly).
- 4) Type the user name and password you set, change the IP address or other network values, and then click "Modify" button.
- 5) By double clicking the selected camera or the browser of interested camera, you can access the camera via web browser directly.

More usage of Smart Tools, please refer to the "Smart Tools User Manual".

6. Assigning an IP Address via Browser

If the network segment of the computer and that of the camera are different, please add some 192.168.5.xx(255.255.255.0) for your PC to get access to your cameras, more details can be found on "Milesight Network Camera Quick Start".

7. Accessing from the Web Browser

The camera can be used with the most standard operating systems and browsers. The recommended browsers are Internet Explorer, Firefox, Chrome, Safari. More information about the plugin installation, please refer to the troubleshooting:

5.Milesight-Troubleshooting-Plugin Installation on Windows-IPC

6.Milesight-Troubleshooting-Plugin Installation on MAC

Mini PTZ Dome

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