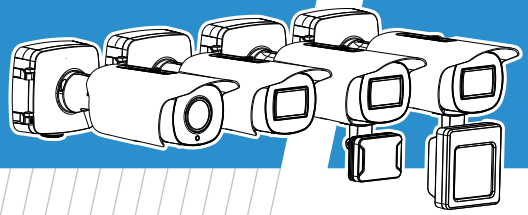
Milesight

QUICK START GUIDE

Intelligent Traffic AI Pro Bullet Plus Network Camera



User Manual

Smart Tools

Milesight | Make Sensing Matter

Milesight IoT Co., Ltd. www.milesight.com

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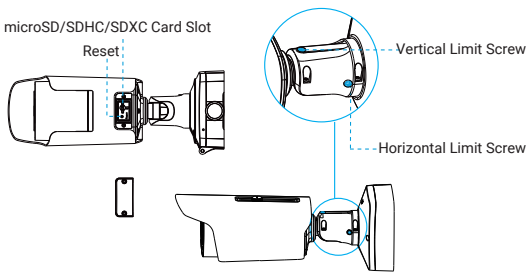
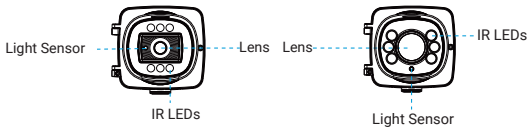
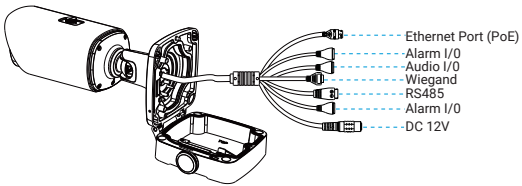
2. Hardware Overview



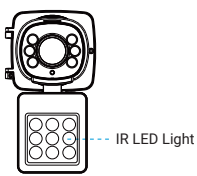


Motorized Camera **Auto Focus Camera**

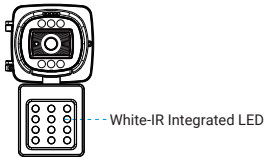


Radar AI Pro Bullet Plus Network Camera

Road Traffic Supplement Light AI Pro Bullet Plus Network Camera



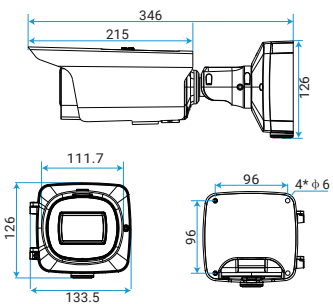
Entrance & Exit Supplement Light AI Pro Bullet Plus Network Camera



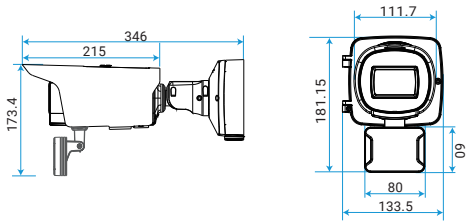
3.Dimensions

Entrance & Exit Supplement Light AI Pro Bullet Plus Network Camera

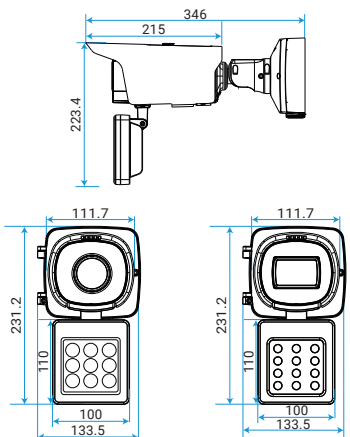
Units: mm



Radar AI Pro Bullet Plus Network Camera

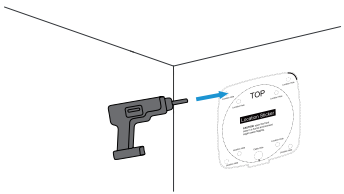


Supplement Light AI Pro Bullet Plus Network Camera

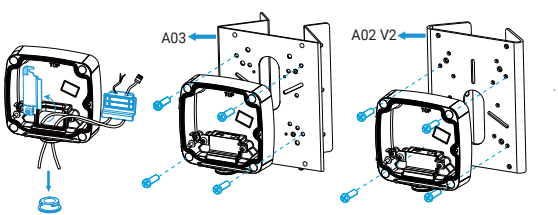


4.Installation

Step1: First, fix the perforation-assisted sticker at the camera's intended installation position, then punch holes as indicated on the sticker.



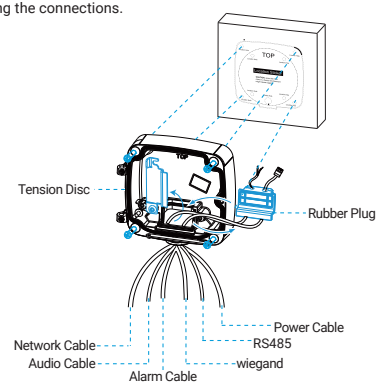
Step2: Detach the tension disc from the rear cover of the Junction Box. Remove the rubber plug and route the cables through the cable hole. Secure the rear cover to the ceiling or wall. Optional mounting accessories include Pole Mount (A02 V2) and External Corner Bracket (A03).



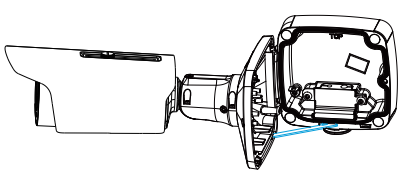
Note:

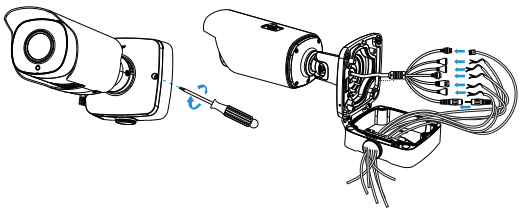
1.Ensure that the "TOP" indicator on the tension disc is aligned with the "TOP" mark on the sticker.

2.If both audio and alarm interfaces are required, remove the rubber plug before making the connections.

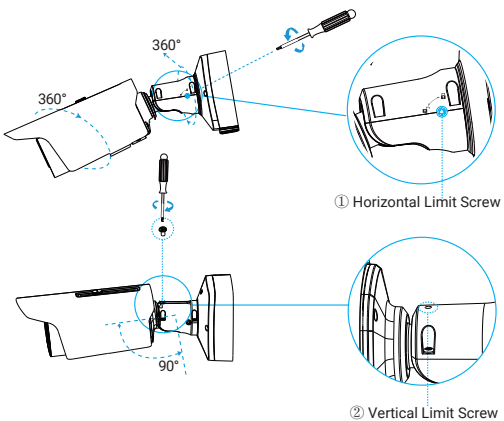


Step 3: Attach the camera body to the tension disc of the Junction Box. Use the support rod to hold the camera in place, adjust the cable length, and connect the cables to the corresponding interfaces. Finally, close the junction box and secure it with screws.





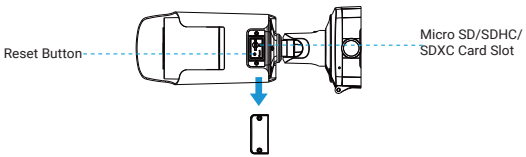
Step 4: Power the camera using either the Ethernet port (PoE+) or the DC power supply port. Then, loosen the limit screw to adjust the camera to the desired direction. Once the camera direction is adjusted, tighten the limit screw to secure the camera orientation.



Note:

① Loosen the screws of SD Card structure to get access to the SD Card slot if you need.

② Reset Button: Press "Reset" button 5 seconds, then the device will be restored to factory default.

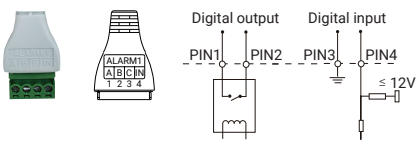


③ Fix the screw again after inserting the SD Card to complete the operation.

Step5: Finish the installation.

5. How to Connect to Alarm Interface

Alarm 1:



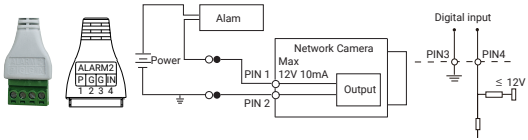
PIN1: Alarm Output1 NC/NO 24V DC 1A

PIN2: Alarm Output1 NC/NO 24V DC 1A

PIN3: Alarm Input1 NC/NO ≤ 12V

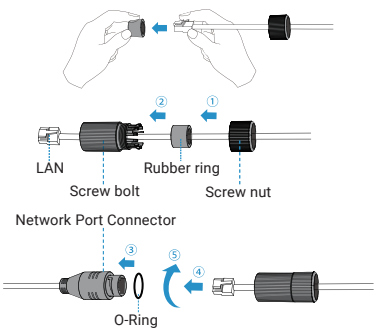
PIN4: Alarm Input1 NC/NO ≤ 12V

Alarm 2:



PIN1: Alarm output2 Power 12V DC 10mA
PIN2: Alarm output2 Ground 12V DC 10mA
PIN3: Alarm Input2 NC/NO ≤ 12V
PIN4: Alarm Input2 NC/NO ≤ 12V
Alarm Output2: Switch application. Alarm output2 is used to drive external circuit, the maximum voltage is 12V and the maximum current is 10mA.
If the voltage is higher than 12V, please use an additional electric relay.

6. 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;

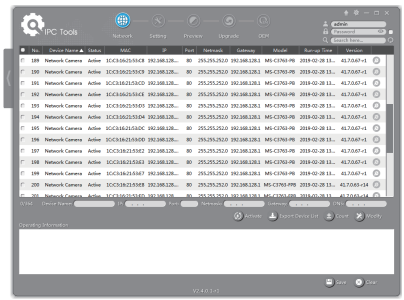
Step4: Place the O-Ring on the network port connector;

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

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

7. 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 cameras 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"**.

8. 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 gain access to your cameras. More details can be found in the "Assign An IP Address via Browser" section on the **"Milesight Network Camera User Manual."**

9. 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

10. FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.