

MESSOA[®]

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(IR) Bullet LPR/ANPR Network Camera

Quick Start Guide



P32-615020-000A

Safety Instructions

- Make sure the supplied voltage meets the power consumption requirements of the camera before powering the camera on. Incorrect voltage may cause damage to the camera.
- The camera should be protected from water and moisture, excessive heat, direct sunlight, and cold.
- This installation should be made by a qualified service person and should conform to all local codes.
- Unplug the camera during lightning storms or when unused for long periods of time.

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Disclaimer

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Compliance

This equipment complies with the requirements as listed below:

- FCC Part 15 Class A
- CE: 2004/108/EC-Electromagnetic Compatibility (EMC) directive based on EN55022: 2010 Class A, EN61000 and EN55024 standard.



WEEE



Waste Electrical and Electronic Equipment

Correct disposal of this product (applicable in the European Union and other European countries with separate collection systems). This product should be disposed of, at the end of its useful life, as per applicable local laws, regulations and procedures.

1. Introduction

This quick start guide is intended to provide installers with basic instructions for installing and configuring the Network Traffic Camera. For more detailed information of using and configuring the product, please refer to the User Manual available on the provided CD-ROM.

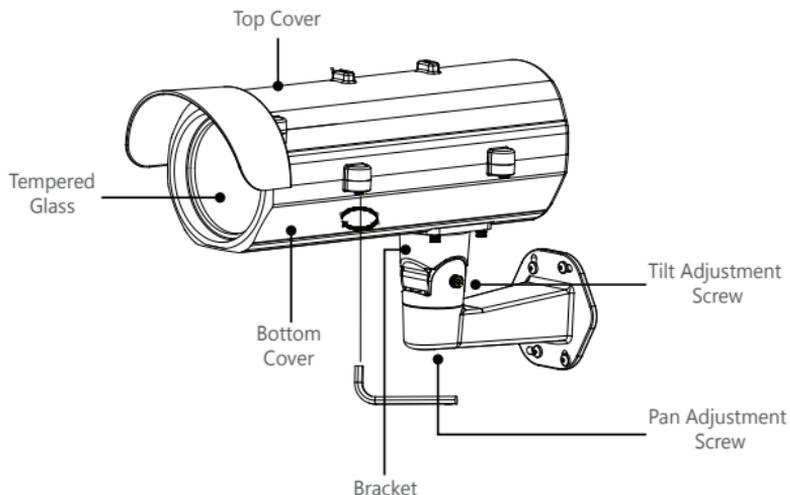
1.1 Package Contents

Check the items supplied with your network traffic camera against the following list. If any of the following items is missing, please contact your dealer.

- | | |
|--------------------------------|----|
| ■ Printed Quick Start Guide | x1 |
| ■ Camera power adaptor | x1 |
| ■ Hexagonal wrench | x1 |
| ■ Bracket pack (with 4 screws) | x1 |

1.2 Hardware Overview

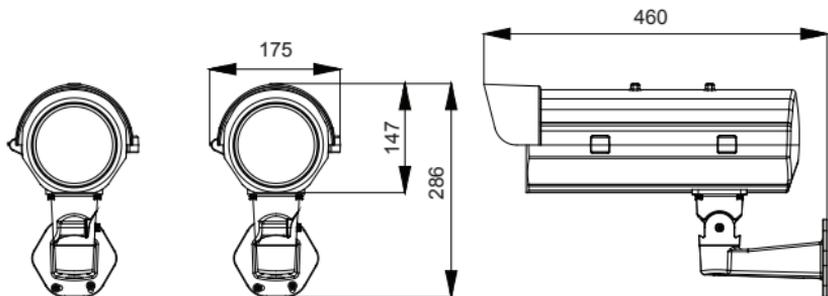
Part Names



The figure above is the illustration of the housing, which may be used with most of ICR real Day and Night cameras.

Dimensions

Unit: mm

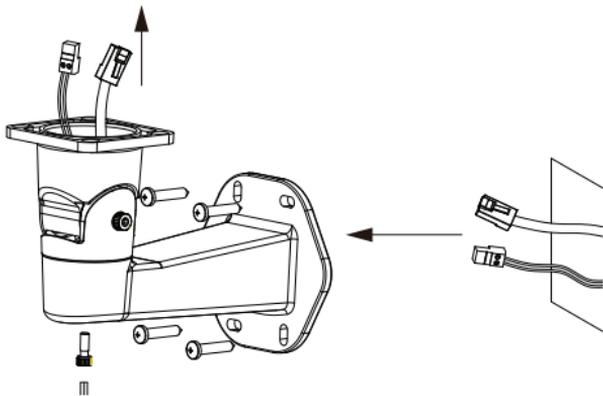


2. Installation

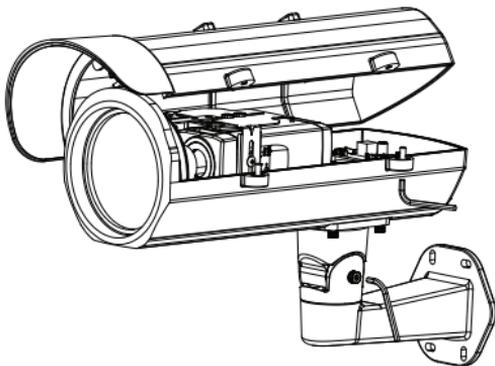
Installation of the Camera and Bracket

Wiring Cables

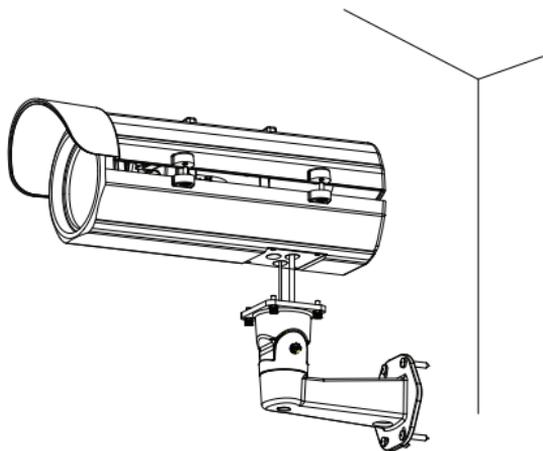
1. Take the bracket from the box and put the power cable and Ethernet cable through the bracket and then fix the bracket to the wall (Loose the screws of the bracket for easy assembly if necessary).



2. Take out the housing and open the side cover with the hexagonal wrench.

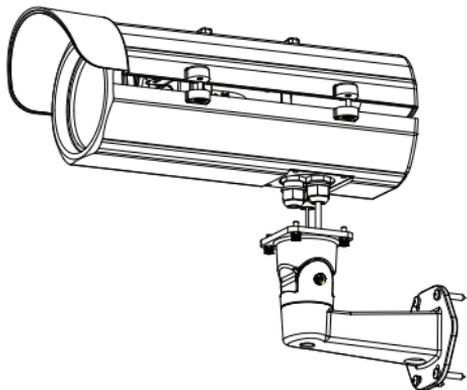


- Put the Ethernet cable through the bottom of the housing and let it pass from the hole. Make connection of power by plugging the terminal block into the power socket.

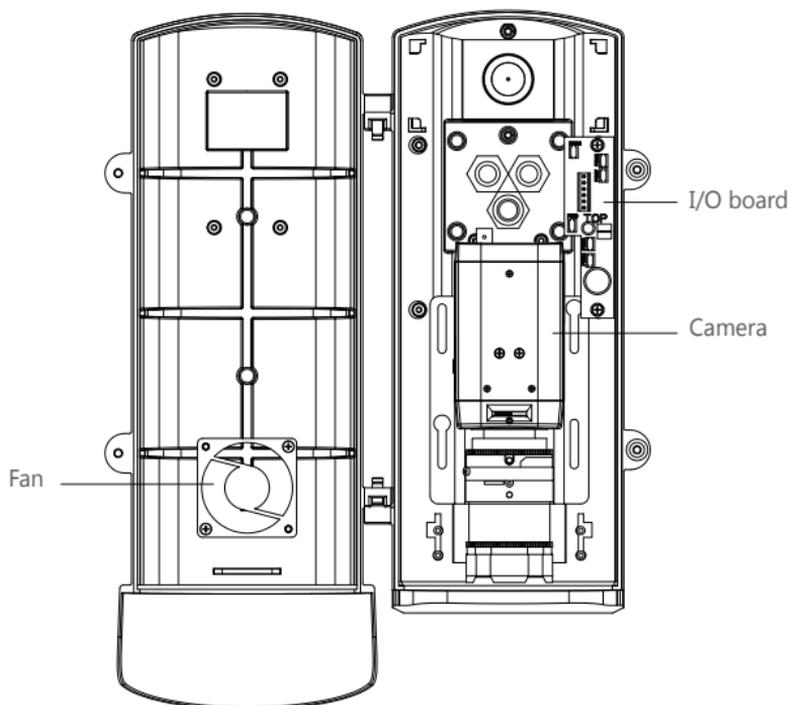


Note

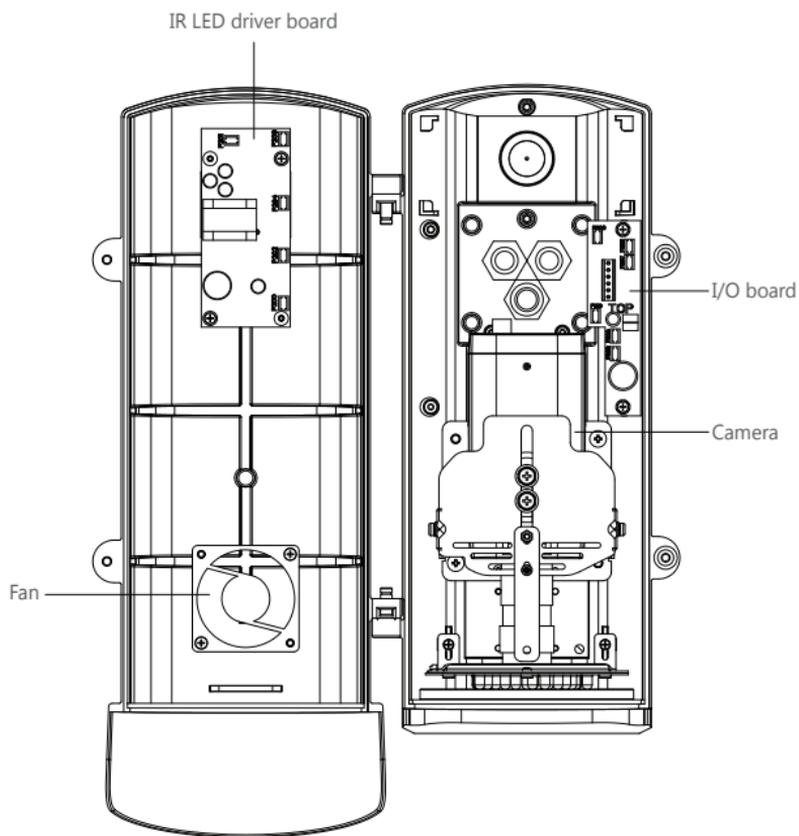
For waterproof installation, use the provided spacer and stick it right by the outlet. Then install the three glands to get the power cable and Ethernet cable pass through the hole of the gland covers.



4. Open the side cover and you can see the housing inner part as the figure shown below.

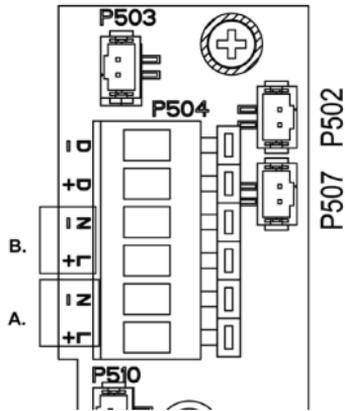


LPR615 Inner Part Definition



LPR610 Inner Part Definition

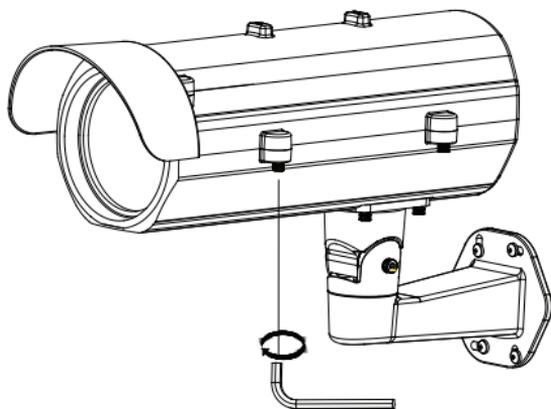
I/O Contacts



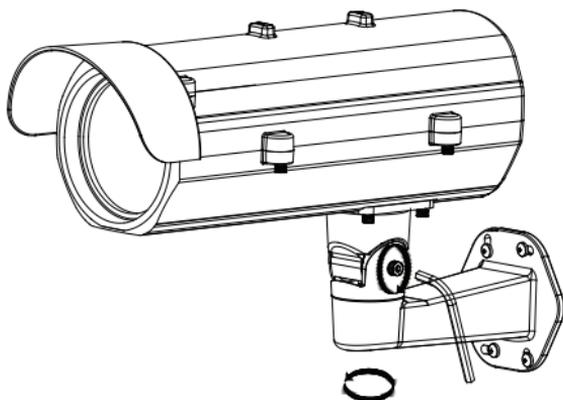
Contact positions on the heater board

Connect the power cable to the power port of the AC24V camera and to the A section (L+: power +/ N-: power-) as above. And connect the outside AC24V power supply to the section B(L+: power+/ N-: power-).

5. After you have finished wiring the Ethernet cable, close the side cover and use the provided screws to fix the housing on the bracket with the hexagonal wrench.



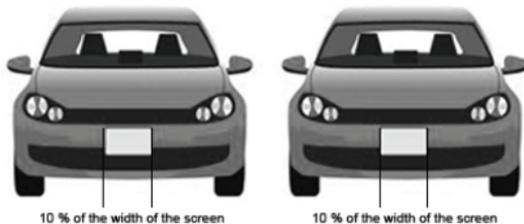
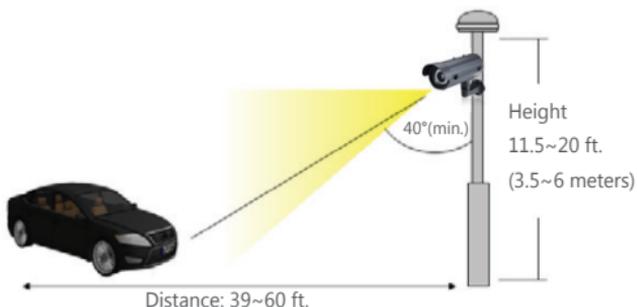
6. Loosen the pan and tilt adjustment screws of the bracket to adjust the angle of the housing and then tighten the screws.



Recommended Installation Distance

LPR615 & LPR610 is built in with a 8 ~80mm and 15 ~50mm lens respectively, which can capture a wide 24~26 ft. (7.5~8 meters) field. To ensure an optimal view, please adjust the lens under the conditions we suggest.

1. The camera height should be higher than 11.5 ft. (3.5 meters).
2. The width of the license plate should cover approximately 10% of the width of the screen.
3. Vertical angle should not be less than 40 degrees.



3. Initial Configuration

Before connecting the camera to your network infrastructure, it's suggested that you connect the camera to a computer first to perform initial configurations.

1. To access the camera, the PC must be on the same network segment as the camera. The default IP address of the camera is a static one (192.168.1.30). Configure your PC's IP address as 192.168.1.X (X is a number between 2 to 254 excluding 30) and subnet mask as 255.255.255.0, and then your PC should be able to access the camera.

- **IP Address:** 192.168.1.30
- **Subnet Mask:** 255.255.255.0

2. Using an Ethernet cable, connect the camera to the computer.

The LAN port of the camera supports auto MDI/MDIX so there is no need to use a cross-over cable.

3. On the PC, launch a web browser and enter the IP address of the camera in the URL field:

http://192.168.1.30

4. When prompted for login, enter the default user name: **admin** and password: **1234** to log in. Note that the user name and password are case-sensitive.
5. Configure the settings to meet your requirements. For more information, refer to the User Manual on the provided CD-ROM.

4. Connecting to Your Network

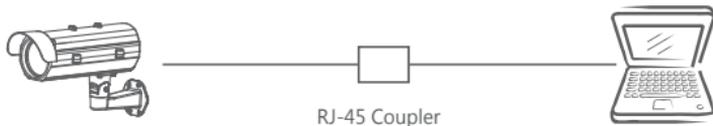
There are many different ways that you can connect the camera to your network, depending on your applications requirements. You should always set the camera's network settings according to your network configurations. The following diagrams depict some typical applications with guidelines on network settings. For more information on network settings, always consult with your network administrator or ISP as required.

Type 1: Direct Connection to a PC

Directly connect the RJ-45 cable of the camera to a PC.



To extend the connection length, you should use an RJ-45 female/female coupler to connect two category 5/5e UTP/STP cables together.



Note

Although an RJ-45 coupler is used to extend the connection length, the total length between the PC and the IP camera must not exceed 100 meters (328 feet). The LAN port of the camera supports auto MDI/MDIX (Medium dependent interface crossover) so there is no need to use cross-over cable.

To access the camera, the PC must be on the same network segment as the camera. The default IP address of the camera is a static one (192.168.1.30). Configure your PC's IP address as 192.168.1.X (where X is a number between 2 to 254 excluding 30) and subnet mask as 255.255.255.0, and then your PC should be able to access the camera.

Type 2: Connection to LAN

To add the camera(s) to an existing LAN, just connect the camera(s) to the router, switch or hub on your network.

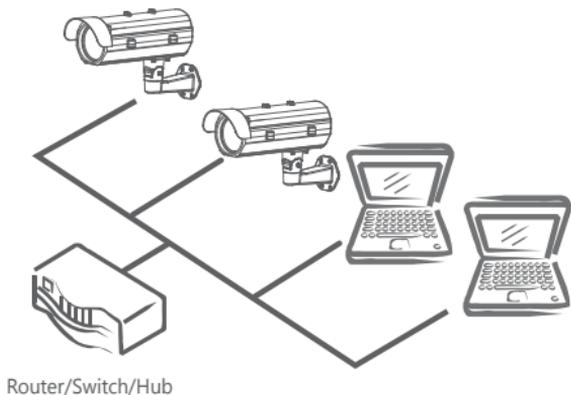


Note

The LAN port of the camera supports auto MDI/MDIX (Medium dependent interface crossover) so there is no need for an uplink port or the use of a crossover cable.

Assign an IP address to your camera following your network IP allocation policy. The IP address can be manually specified by users or by a DHCP server, if available on your network.

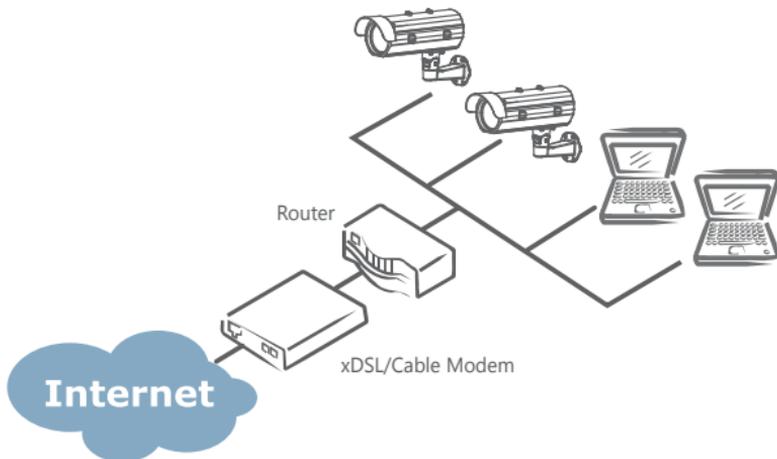
Then, you can monitor and manage the camera via a web browser from a local PC.



Type 3: Remote Connection via the Internet

If the network where the camera resides is connected to the Internet, you can also provide remote access to your camera over the Internet.

Typically a broadband router has a built-in DHCP function to assign a local IP address to your camera. You can alternatively assign a fixed IP address to the camera to prevent it from frequently changing.



To access the camera from a local PC, simply use the local IP address of the camera.

To enable remote access, you must configure your router/firewall to forward an incoming request to that fixed local IP address of the camera. Therefore, when an external host sends a request to access your camera, the request will first reach the router's external IP address and then be forwarded to the local IP address of the camera.