speco technologies®

Quick Start Guide

8 MP Bullet IP Camera

O8VLB3

Welcome

Thank you for purchasing this network camera!

Please read this manual carefully before operating the unit and retain it for future reference.

Should you require any technical assistance, please contact Speco Technologies Technical Support.

Important Safeguards and Warnings

1．Electrical safety

All installation and operation here should conform to local electrical safety codes.

Use a certified/listed 12VDC Class 2 power supply only.

Please note: Do not connect two power supplying sources to the device at the same time; it may result in device damage! The product must be grounded to reduce the risk of electric shock.

Improper handling and/or installation could run the risk of fire or electrical shock.

2．Environment

Heavy stress, violent vibration or exposure to water is not allowed during transportation, storage and installation.

This product should be installed in a cool, dry place away from direct sunlight and heat sources.

Do not install the product in extreme temperature conditions.

Do not expose the camera to electromagnetic radiation. Otherwise it may result in CMOS sensor failure.

Do not block any ventilation openings.

Do not allow water and liquid intrusion into the camera.

3. Operation and Daily Maintenance

Please shut down the device and then unplug the power cable before you begin any maintenance work.

Do not touch the CMOS sensor optic component. You can use a blower to clean the dust on the lens surface.

Always use the dry soft cloth to clean the device. If there is too much dust, use a cloth dampened with a small quantity of neutral detergent. Finally use the dry cloth to clean the device.

Please use a professional optical cleaning method to clean the enclosure. Improper enclosure cleaning (such as using cloth) may result in a poor image.

The grounding holes of the product are recommended to be grounded to further enhance the reliability of the camera.

Dome cover is an optical device, please don't touch or wipe cover surface directly during installation and use, please refer to the following methods if dirt is found:

Stained with dirt

Use oil-free soft brush or hair dryer to remove it gently.

Stained with grease or fingerprint

Use oil-free cotton cloth or paper soaked with alcohol or detergent to wipe from the lens center outward. Change the cloth and wipe several times if it is not clean enough.

Warning

This camera should be installed by qualified personnel only.

All the examination and repair work should be done by qualified personnel.

Any unauthorized changes or modifications could void the warranty.

Statement

This guide is for reference only.

Product, manuals and specifications may be modified without prior notice. Speco Technologies reserves the right to modify these without notice and without incurring any obligation.

Speco Technologies is not liable for any loss caused by improper operation.

Regulatory Information

1.1 FCC conditions：

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation.

1.2 FCC compliance：

This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communication. 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.

Note

Please refer to the disk for more details, check and download the corresponding user's manual and tool.

Before installation, please open the package and check all the components are included.

Contact your local retailer as soon as possible if something is broken in your package.

Accessory Name	Amount	Accessory Name	Amount
Network Camera	1	Installation Position Map	1
Quick Start Guide	1	Waterproof Connector	1
Screw Package	1	CD	1
Wrench	1	-	-

Table of Contents

1 Physical Specifications

1.1 Components

Note

- The following figure is for reference only, which is used to know the function of cable port.

You can refer to the following figure for cable information. See Figure 1-1.
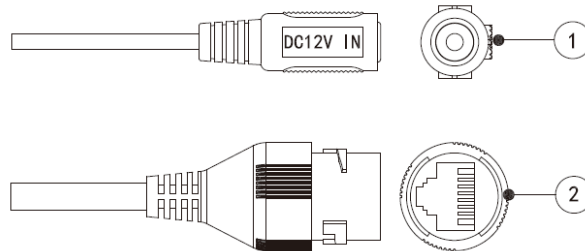

Figure 1-1

Please refer to Table 1-1 for more detailed information.

SN	Port name	Connector	Note
1	Power input port	/	Connect to standard Ethernet cable.
2	Network port	Ethernet port	Power port. Input DC 12V power.

Table 1-1

1.2 Dimensions

Note

The following figure is for reference only, See Figure 1-2.
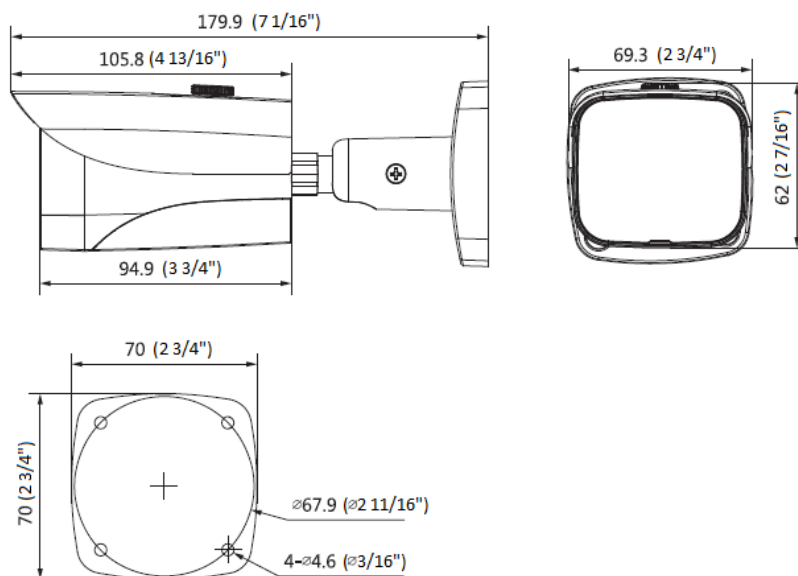
Figure 1-2

2 Installation

2.1 Install SD Card (Optional)

- Use these steps if using the SD card slot.
- Disconnect the power before installing SD card.

Step 1

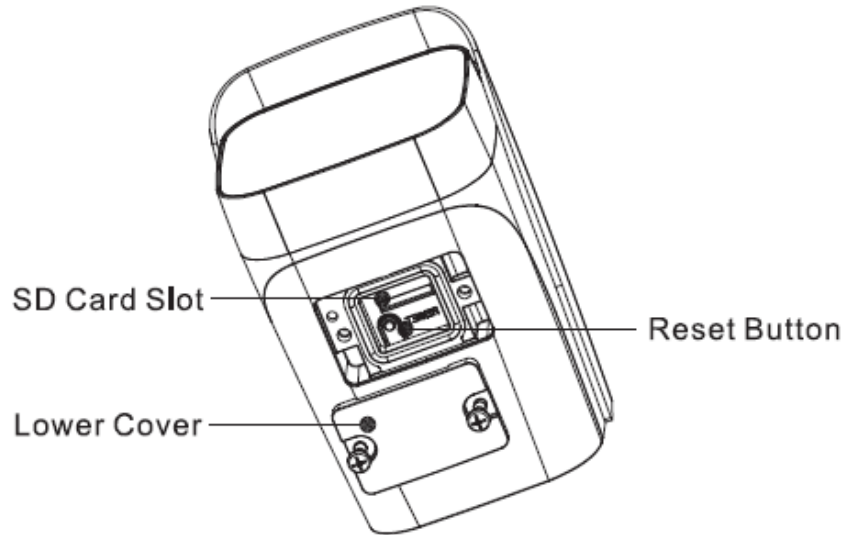Open the SD card cover and find the SD card slot in the location shown in Figure 2-1.

Figure 2-1

Step 2

Take note the direction of SD card and insert it into the card slot.

Step 3

Install the SD card cover and complete installation. This cover must be on securely to maintain weather resistance.

2.2 Install Device

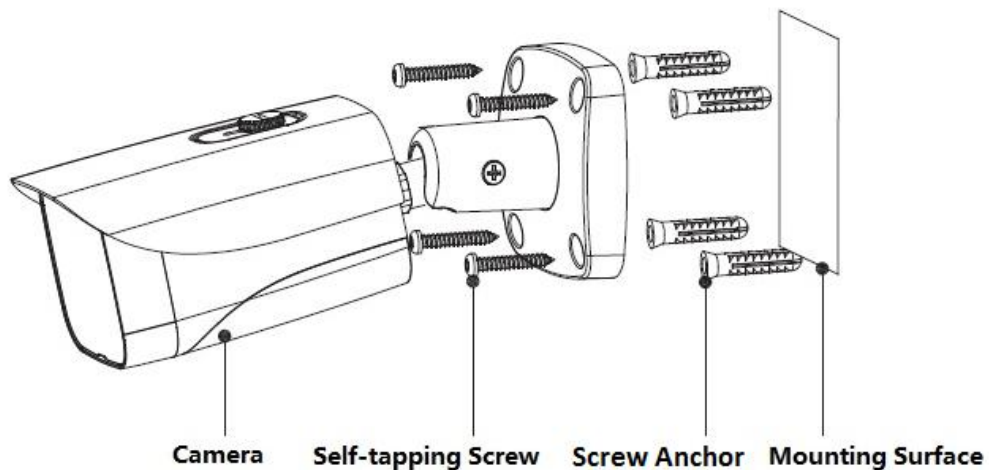Mounting surface should be strong enough to support the camera's weight and heavy weather conditions.

Figure 2-2

Step 1

Stick installation position map to designated surface where you will install the device (wall or ceiling).

Step 2

Drill out holes according to position marked on installation map.

Step 3

Open accessories bag, take out screw anchors and insert them into the holes you just drilled.

Step 4

Open accessories bag, and take out the screws. Tighten the 4 screws to fix the device on the installation surface (wall or ceiling). You can move device sunshade back and forth. When you have fixed the device, you must tighten screws on sunshade.

Step 5

Plug external wiring of the device properly.

Install Waterproof Connector (Optional)

The installation process of waterproof connector for network port is shown in Figure 2-3.

Note

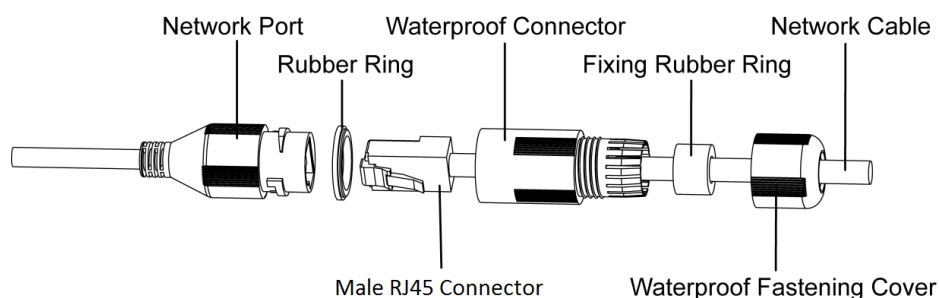For use when operating outdoors or conditions which require a sealed connection.

Figure 2-3

Step 1

Keep the convex groove outward and install the rubber ring into the network port, keep the smaller hole of the rubber ring outward and install the fixing rubber ring into the main body of the waterproof connector.

Step 2

Pull the network cable without termination through main body of waterproof connector, fixing rubber ring and waterproof locking cover, terminate the network cable with a male RJ45 connector, and then insert it into the female RJ45 jack.

Step 3

Put the main body of waterproof connector on the network port and rotate it clockwise to lock the network port and waterproof connector firmly.

Step 4

Put the waterproof locking cover on the main body of waterproof connector and rotate it clockwise to lock the waterproof connector and waterproof locking cover firmly.

2.3 Adjust Device Angle

Note

● Refer to figure 2-4 for positioning and adjustment.
● Please be sure to loosen the adjusting screw when adjusting the device position and angle, tighten the adjusting screw after adjustment.
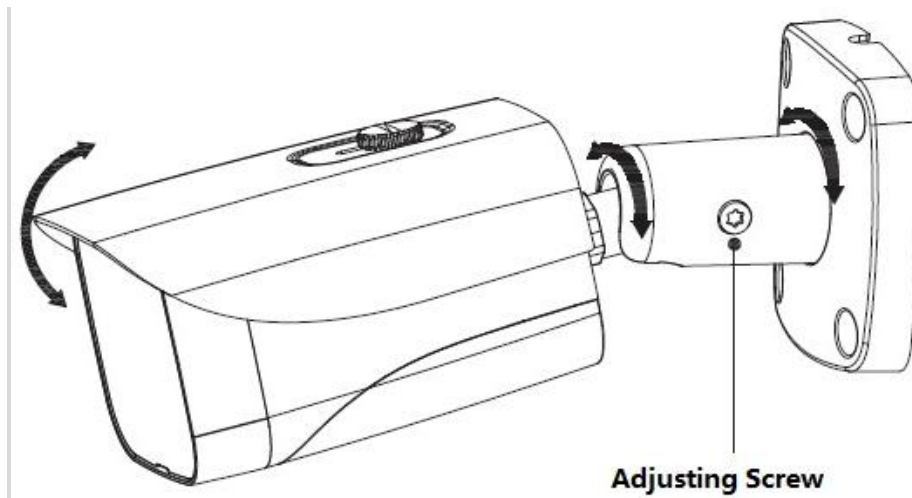● Do not rotate the camera more than 3 rotations to avoid twisting of the internal cable.

Figure 2-4

Step 1
Use screwdriver (in accessories bag) to loosen adjusting screw.
Step 2
Adjust the device in all possible directions, and set its monitoring direction.
Step 3
Use screwdriver to tighten the screws.

3 IP Scanner

IP Scanner can search for the device on the local network.

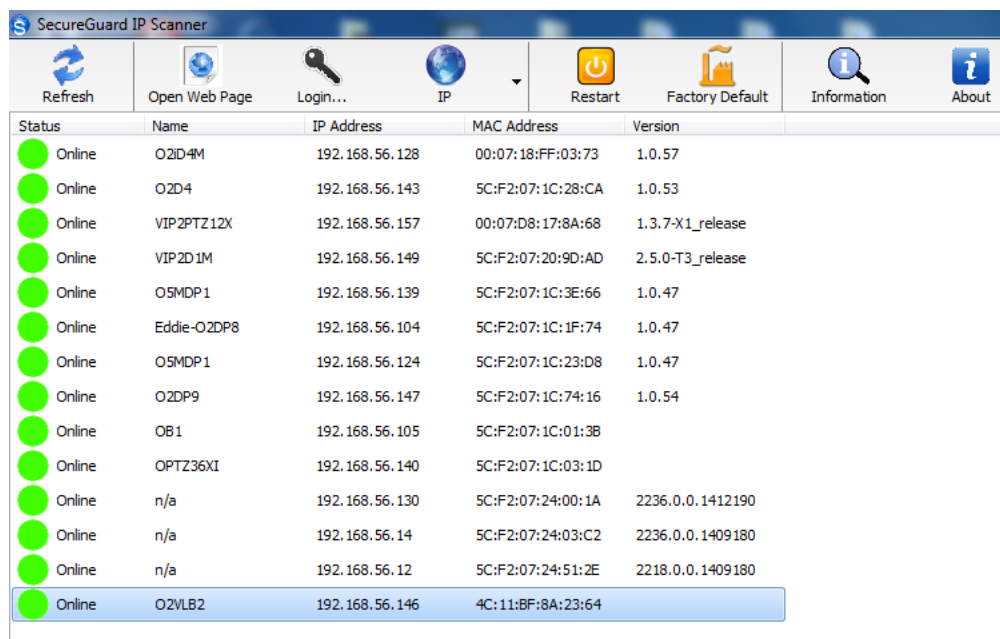Please note that only devices that are on the same subnet can be discovered.

The device is set to DHCP mode by default.

3.1 Operation

Open up IP Scanner.

See Figure 3-1

In the device list, you can view the IP address, model number, and MAC address of each device. Select the applicable device and double click to open up the web viewer.

Status	Name	IP Address	MAC Address	Version
Online	O2iD4M	192.168.56.128	00:07:18:FF:03:73	1.0.57
Online	O2D4	192.168.56.143	5C:F2:07:1C:28:CA	1.0.53
Online	VIP2PTZ12X	192.168.56.157	00:07:D8:17:8A:68	1.3.7-X1_release
Online	VIP2D1M	192.168.56.149	5C:F2:07:20:9D:AD	2.5.0-T3_release
Online	O5MDP1	192.168.56.139	5C:F2:07:1C:3E:66	1.0.47
Online	Eddie-O2DP8	192.168.56.104	5C:F2:07:1C:1F:74	1.0.47
Online	O5MDP1	192.168.56.124	5C:F2:07:1C:23:D8	1.0.47
Online	O2DP9	192.168.56.147	5C:F2:07:1C:74:16	1.0.54
Online	OB1	192.168.56.105	5C:F2:07:1C:01:3B	
Online	OPTZ36XI	192.168.56.140	5C:F2:07:1C:03:1D	
Online	n/a	192.168.56.130	5C:F2:07:24:00:1A	2236.0.0.1412190
Online	n/a	192.168.56.14	5C:F2:07:24:03:C2	2236.0.0.1409180
Online	n/a	192.168.56.12	5C:F2:07:24:51:2E	2218.0.0.1409180
Online	O2VLB2	192.168.56.146	4C:11:BF:8A:23:64	

Figure 3-1

4   Remote Viewing

This device supports viewing and management via a web browser on a PC.

4.1 Operation

Open the browser and input network camera address in the address bar or double click the device in IP Scanner. See Figure 4- 1
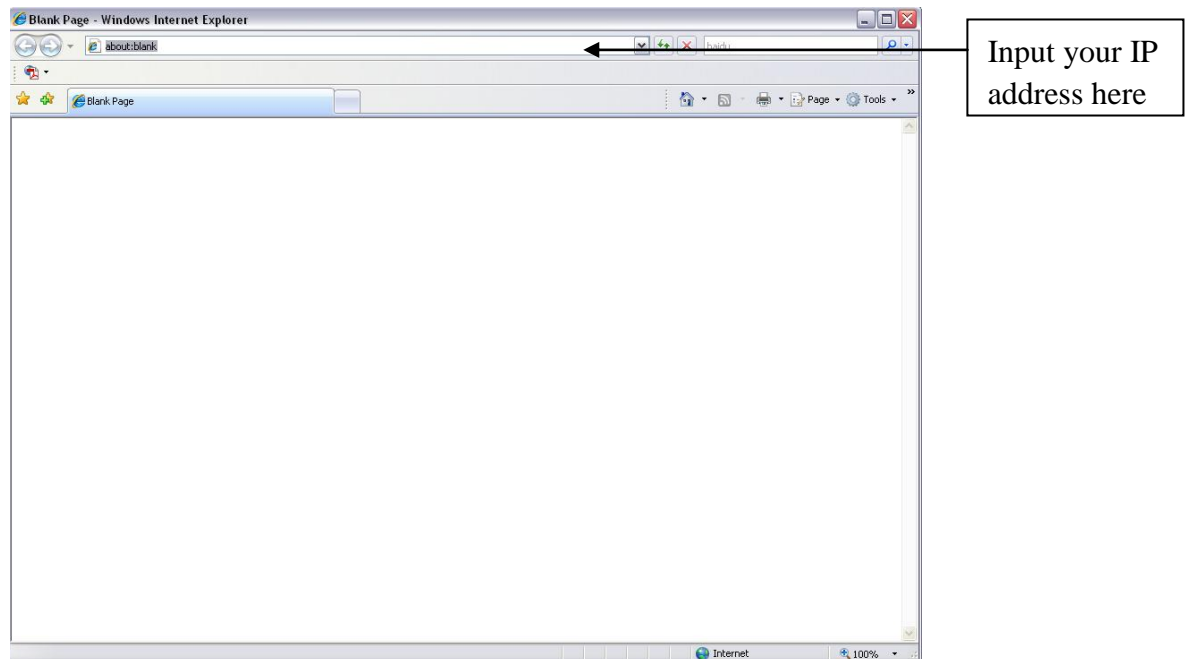

Figure 4-1

The login interface is shown as below. See Figure 4-2.

Please input your user name and password.

Default user name is **admin** and password is **1234**.

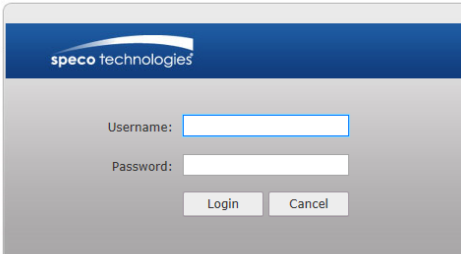**Note: For security purposes, please change the password after initial login.**

Figure 4- 2 Web login