speco technologies®

Quick Start Guide

3MP VF Motorized Bullet IP Camera

O3VFBM

Version 1.0.1

Welcome

Thank you for purchasing this network camera!

This owner's manual is designed to be a reference tool for your system.

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 poor IR functionality and/or IR reflection.
The grounding holes of the product are recommended to be grounded to further enhance the reliability of the camera.

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.

Note:
Before installation, check the package and make sure that all components are included.
Contact your rep or Speco customer service department immediately if something is broken or missing in the package.

Accessory Name	Amount
Network Camera Unit	1
Quick Start Guide	1
Installation Accessories Bag	1
CD	1

Table of Contents

1 Physical Specifications

1.1 Device External Cable

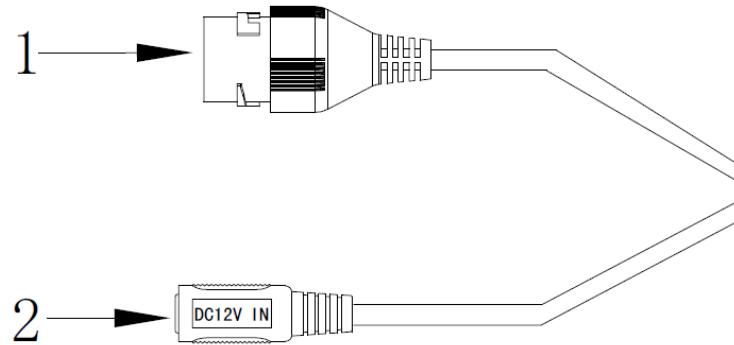You can refer to the following figure for cable information. See Figure 1-1.

Figure 1-1

Please refer to the following sheet for detailed information.

No.	Port name	Function description
1	Ethernet port	Network data in/out and PoE
2	DC power jack	Connect to DC 12V power

1.2 Dimensions

Please refer to the following figure for dimension information. The unit is mm. See Figure 1-2 and Figure 1-4.

Figure 1-2 Dimension illustration 1

⌀90.4 [⌀3.56"]

⌀70.0 [⌀2.76"]

3-⌀4.7 [⌀0.19"]
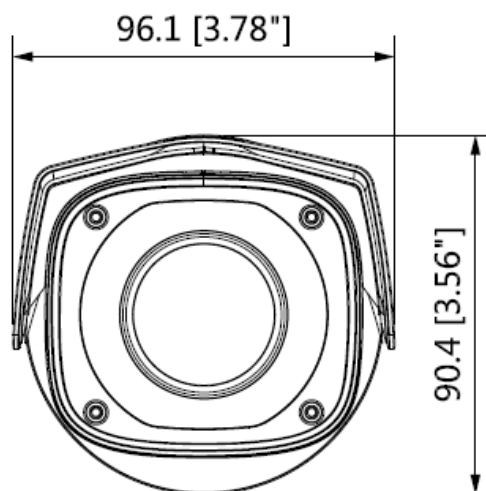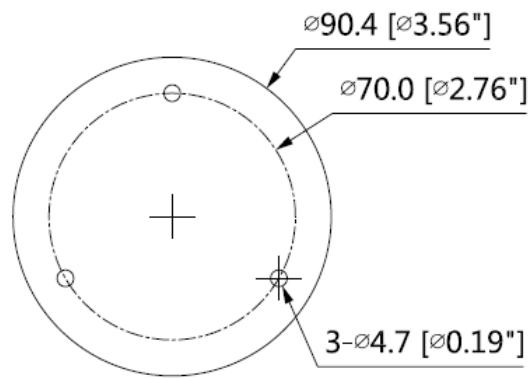
Figure 1-2 Dimension illustration 2

222.0 [8.74"]

143.2 [5.64"]
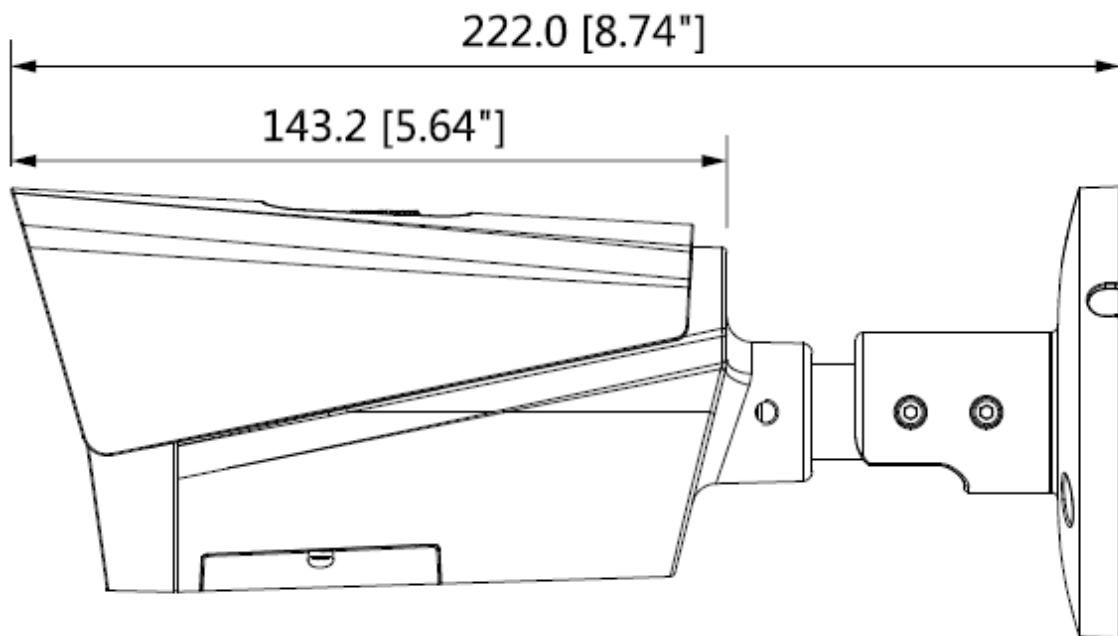
Figure 1-3 Dimension illustration 3

2 Device Installation

Note:
● Before installation, please make sure the installation surface can support a minimum of 3 times the weight of the camera
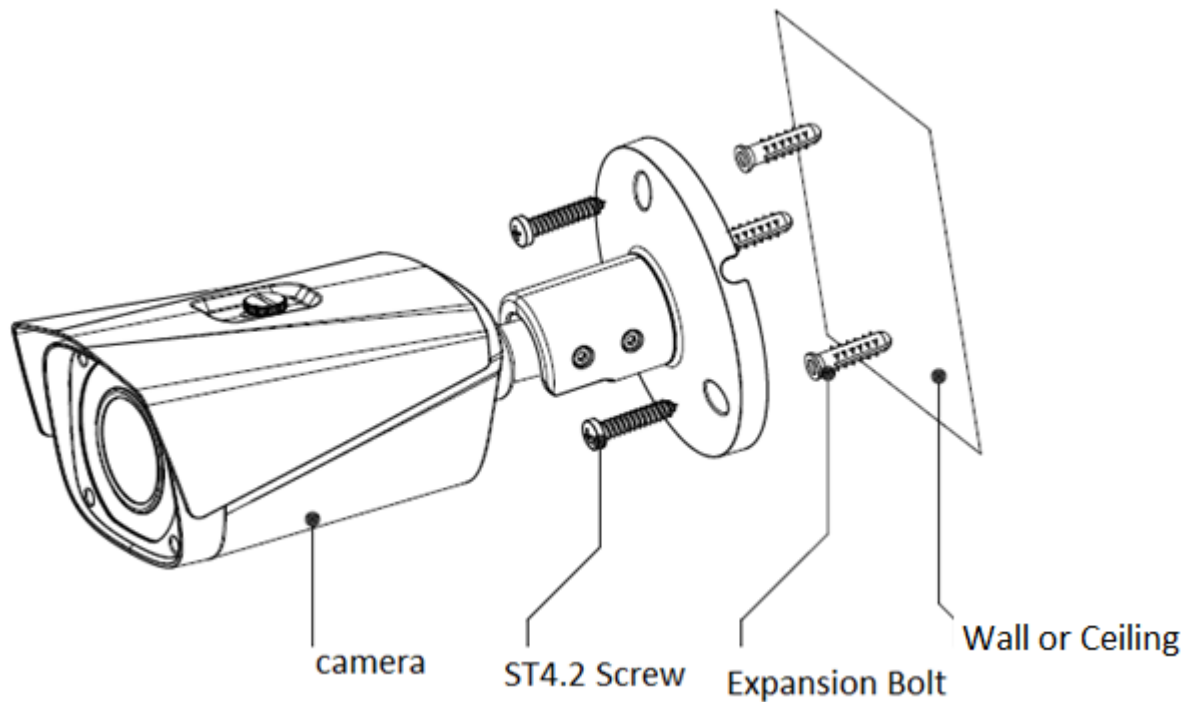

Figure 2-1

Step 1

Install Micro SD card

Open the lower cover, find the Micro SD card slot as shown in Figure 2-2, insert it into the slot and make sure it is firmly latched in the slot. Install the lower cover back to the device after installation is completed.
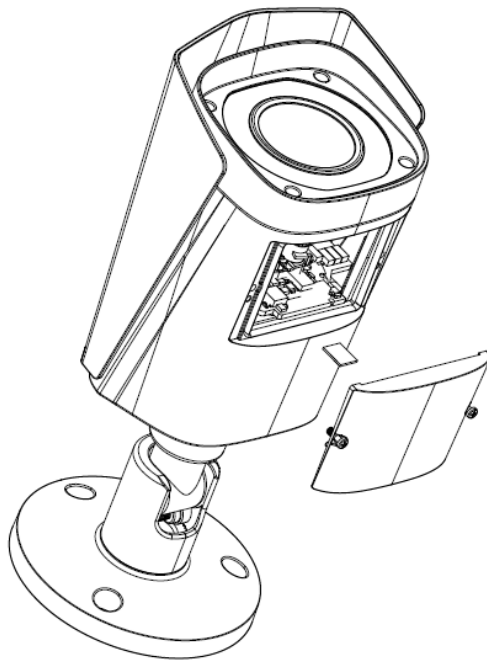
Figure 2-2

Step 2

Fix the device on the installation surface.

1. Take out the installation template from the accessories bag, paste it on the surface (wall or ceiling) and drill holes according to the hole locations marked on the template.
2. Take out the expansion bolts from the accessories bag and insert them into the holes.
3. Take out the installation screws. Tighten the screws to fix the device on the surface.

   Adjust the sunshield and tighten the screw.

Step 3

Plug external wiring of the device properly.

Step 4

Adjust device angle.
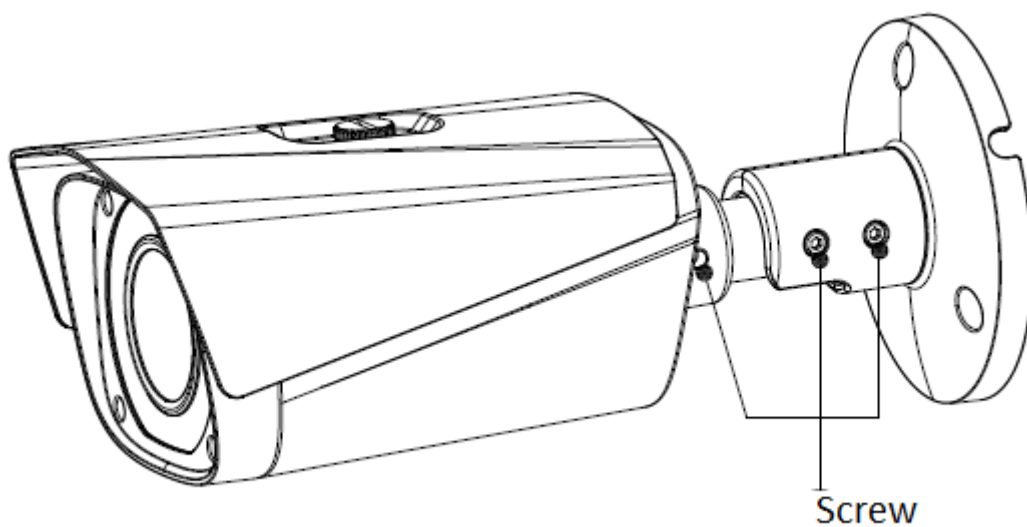
Figure 2-3

1. Use the inner hex screwdriver to loosen the adjusting screws shown in the figure above.
2. Adjust the device monitoring direction according to the requirements.
3. Use the screwdriver to tighten the adjusting screws.

Step 5

Waterproof connector installation for network port; see Figure 2-4 for more details.

Note:

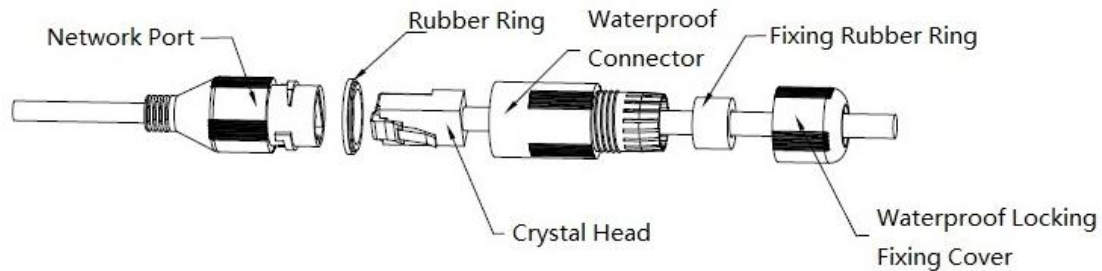Please implement this step if the device is used outdoors.

Figure 2-4

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.
2. Pull the network cable without crystal head through main body of waterproof connector, fixing rubber ring and waterproof locking cover, make the crystal head of network cable, and then insert it into the network cable.
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.
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.

3 IP Scanner

3.1 Overview

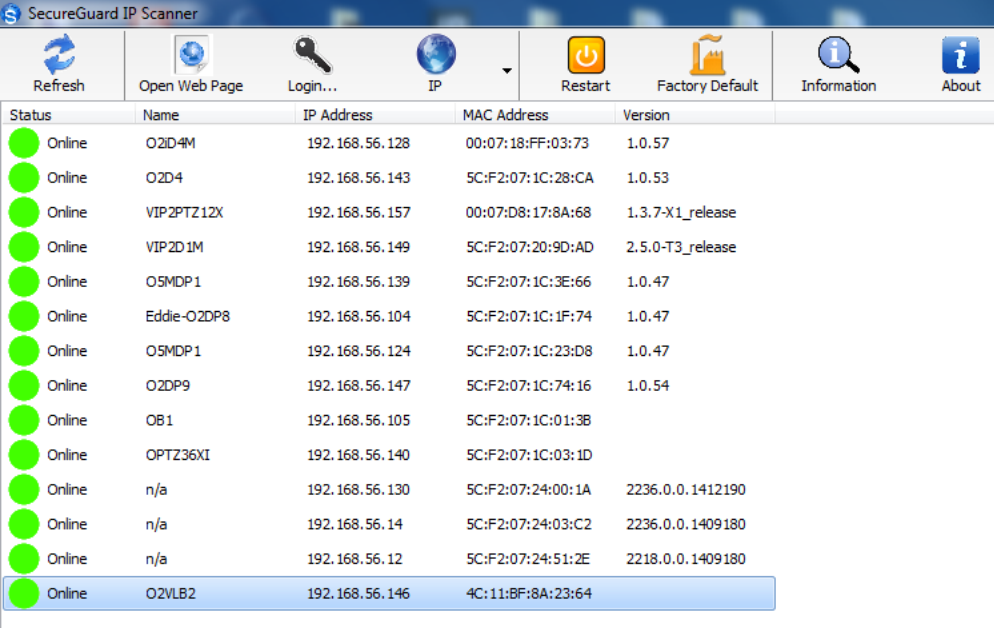IP Scanner can search for the device on the local network.
Please note that only devices that are on the same subnet can be discovered.

3.2 Operation

Open up IP Scanner.
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.

Figure 3-1 IP Scanner

4 Web Operation

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

4.1 Login and Main Interface

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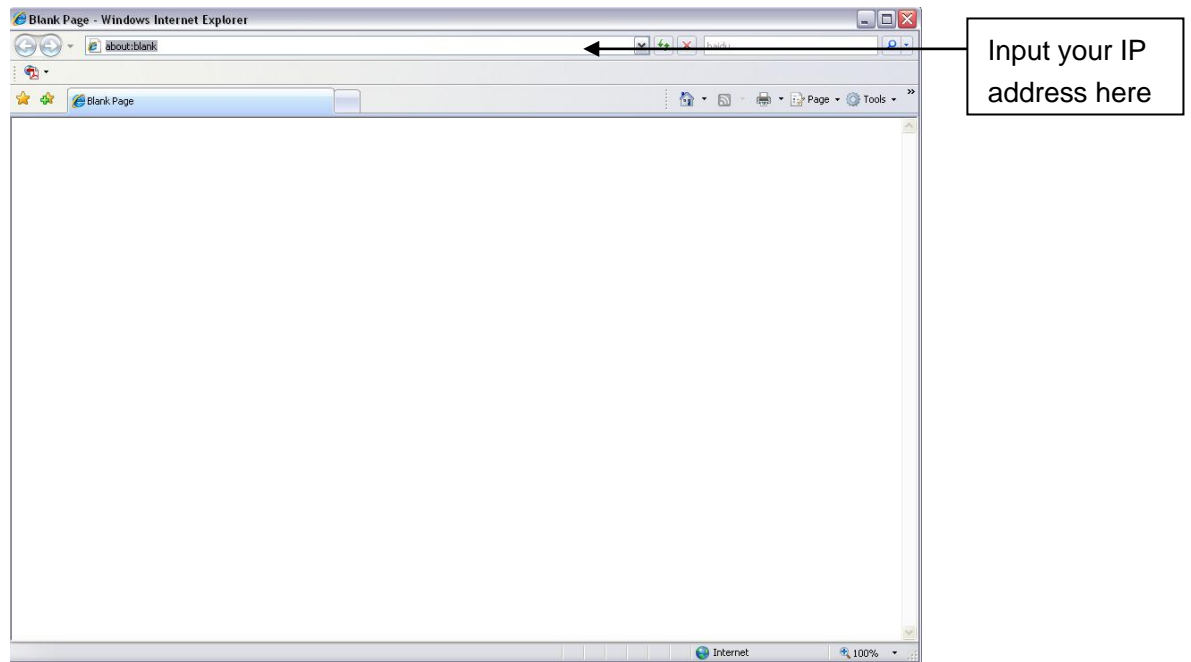

Figure 4-1 IP address

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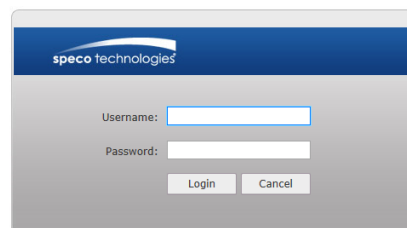**Note: For security purposes, please change the password after initial login.**

Figure 4- 2 Web login