

# Quick Installation Guide

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## FE8171V Network Camera

3MP • 360° Panoramic View • Vandal-proof



**SUPREME**  
A NEW DEFINITION OF HD



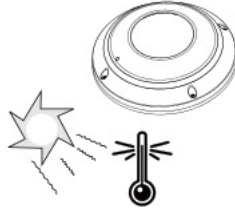


## Warning Before Installation

- **Power off the Network Camera as soon as smoke or unusual odors are detected.**
- **Refer to your user's manual for the operating temperature.**



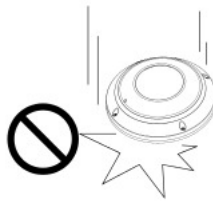
Contact your distributor in the event of occurrence.



- **Do not place the Network Camera on unsteady surfaces.**
- **Do not touch the Network Camera during a lightning storm.**



- **Do not insert sharp or tiny objects into the Network Camera.**
- **Do not drop the Network Camera.**



# 1 Package Contents

## ● FE8171V



## ● Mounting Plate / Screwdriver



## ● Alignment Stickers



For Mounting Plate

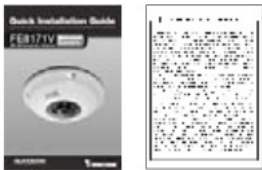


For Camera Base

## ● Screws / Moisture Absorber / Double-sided Tape / Rubber Seal Plug / Rubber Washer



## ● Quick Installation Guide / Warranty Card



## ● Software CD



## ● Power & I/O Cables

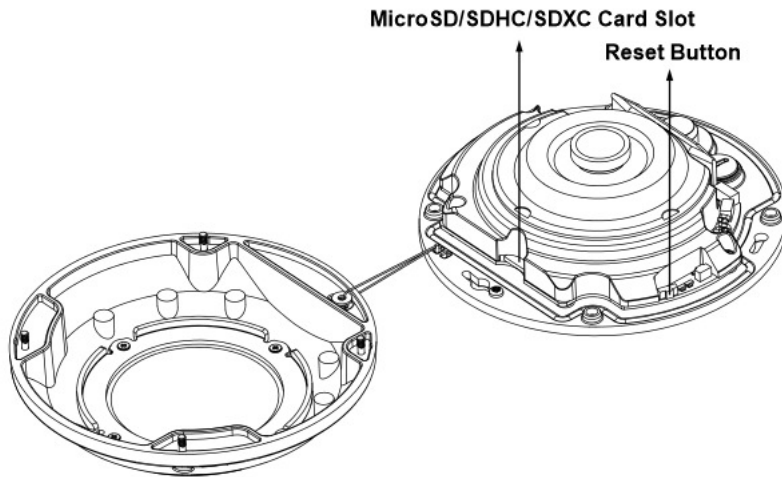
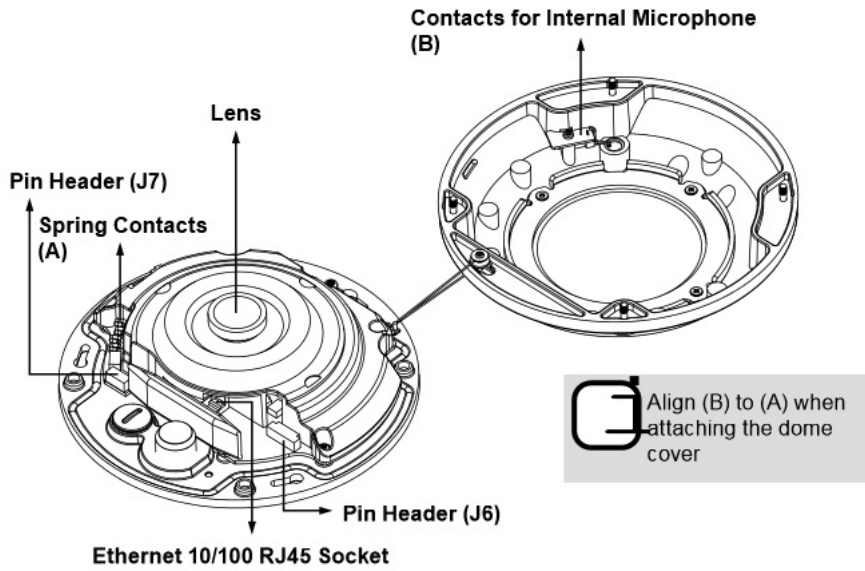


## ● DC Power Adapter

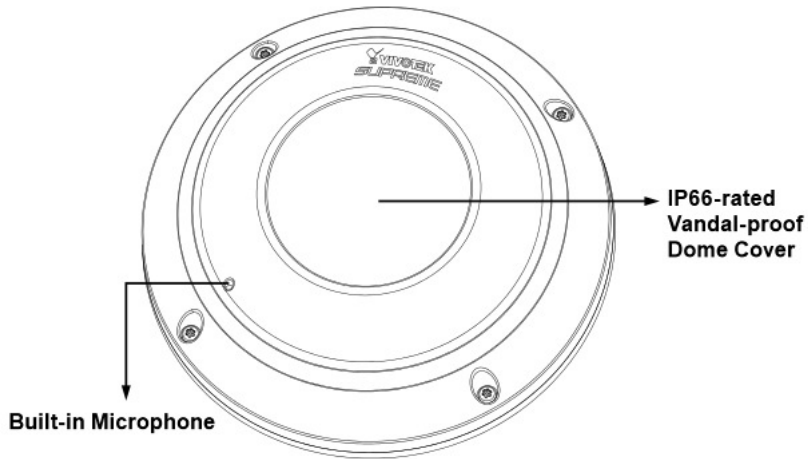


## 2 Physical Description

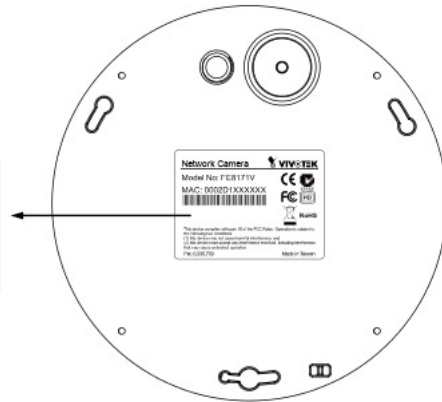
### ● Inner View



● Outer View

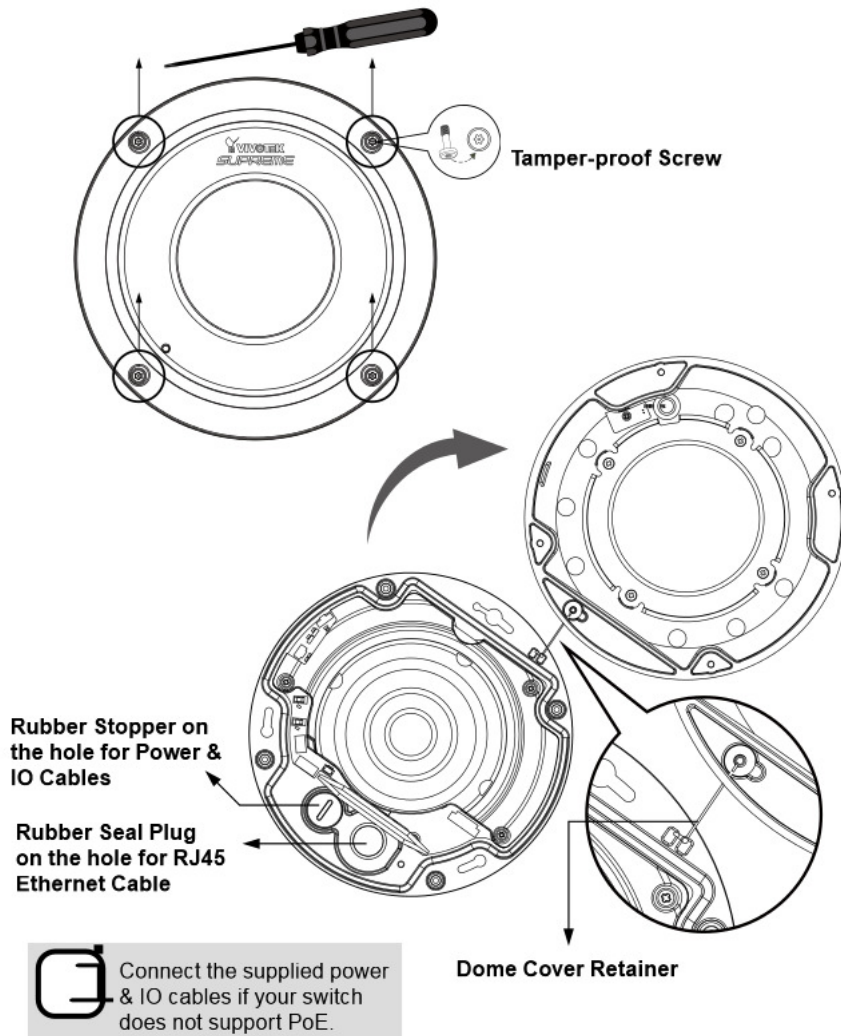


**IMPORTANT!**  
Record the MAC address  
under the camera base before  
installing the camera.



### 3 Hardware Installation

First, use the supplied screwdriver to loose the four screws and detach the dome cover from the camera base. Then, follow the steps below to install the camera to either a ceiling or a wall.



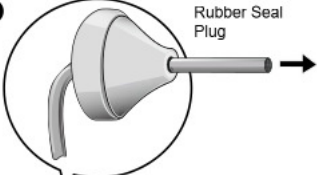
## Connecting RJ45 Ethernet Cable

### ● RJ45 Cable Dimension (unit: mm)

Recommended cable gauge: 24AWG (0.51 mm)

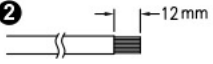
### ● Assembling Steps

- 1**



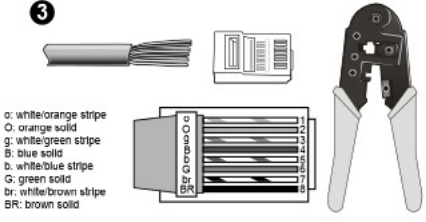
Rubber Seal Plug

1. Drill a hole on the rubber seal plug and insert an Ethernet cable through the opening.
- 2**




12 mm

2. Strip part of the sheath from the Ethernet cable.
- 3**



o: white/orange stripe  
O: orange solid  
g: white/green stripe  
B: blue solid  
b: white/blue stripe  
G: green solid  
br: white/brown stripe  
BR: brown solid

3. You will need an RJ45 crimping tool to attach the Ethernet wires to a connector. When done, connect the cable to the camera's Ethernet RJ45 socket.
- 4**



4. Remove the original black seal plug from the camera base. Then feed the Ethernet cable from the bottom of the camera and through the hole. Attach the rubber seal plug for water proofing.

## Connecting DC Power Cable

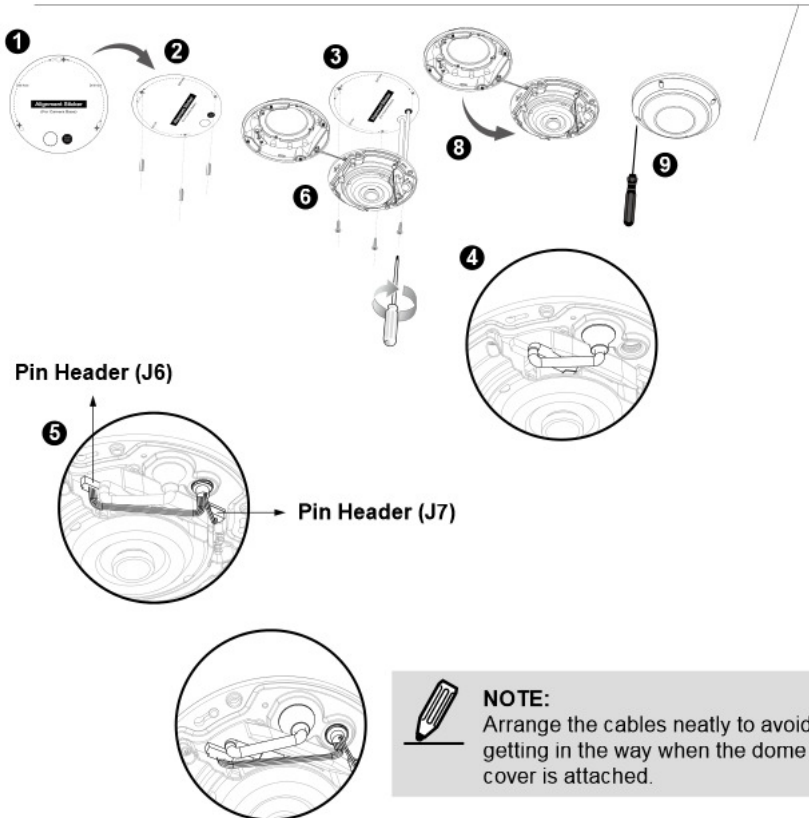
1. Remove the rubber stopper from the camera base.
2. Add the supplied rubber washer to the cable as shown in the picture.
3. Feed the cable from the bottom of the camera and tighten the plastic base for waterproofing.



### **Ceiling/Wall Mount without Mounting Plate**

**(Choose this mounting type if you would like to feed the cables form the bottom of the camera)**

1. Attach the supplied alignment sticker for camera base to the ceiling/wall.
2. Using the three circles on the sticker, drill three pilot holes into the ceiling. Then hammer the three supplied plastic anchors into the holes.
3. Drill a cable hole on the ceiling/wall, and feed the cables through the hole.
4. Connect the Ethernet cable to the socket.
5. Connect the two white pin header connectors to the J6 and J7 connectors.
6. Secure the camera base to the ceiling/wall with three supplied screws.
7. You will find a moisture absorber attached to the camera. Replace the moisture absorber included in the camera with the one shipped within the accessory bag.
8. Attach the dome cover.
9. Secure the four screws with the supplied stardriver. Make sure all camera parts are securely installed.

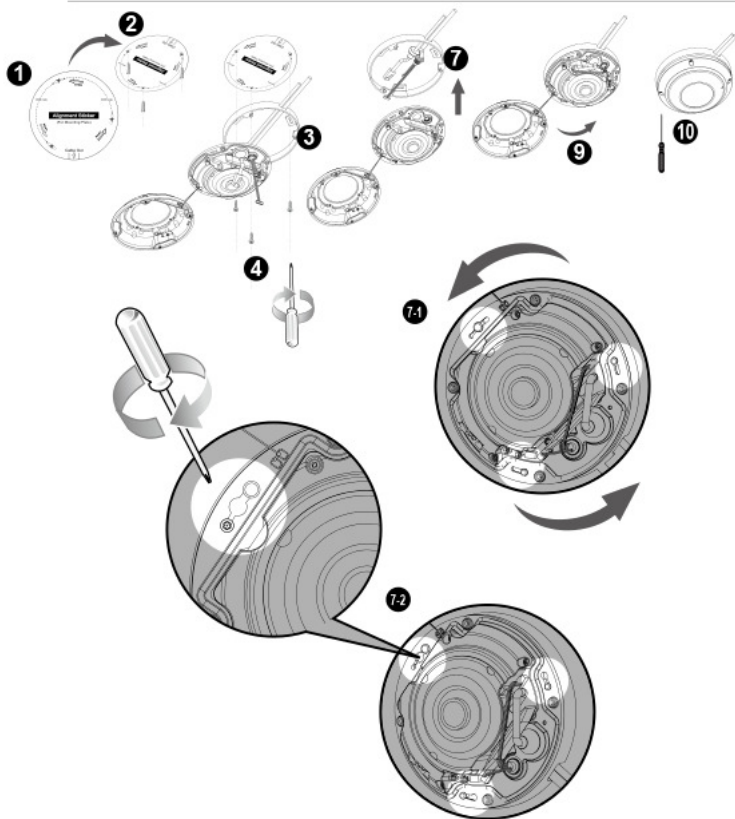




### **Ceiling/Wall Mount with Mounting Plate**

**(Choose this mounting type if you would like to feed the cables form the side)**

1. Attach the supplied alignment sticker for the supplied mounting plate to the ceiling/wall.
2. Using the three circles on the sticker, drill three holes into the ceiling. Then hammer the three supplied plastic anchors into the holes.
3. Arrange and feed the cables through the side of the mounting plate.
4. Secure the mounting plate to the ceiling/wall with three supplied screws.
5. Connect the Ethernet cable to the socket.
6. Connect two white pin header connectors to the J6 and J7 connectors.
7. Attach the camera base to the mounting plate and turn counter-clockwise as shown below (Figure 7-1). Then secure the supplied screws to the camera base.
8. You will find a moisture absorber attached to the camera. Replace the moisture absorber with the one shipped within the accessory bag.
9. Attach the dome cover.
10. Secure the four screws with the supplied stardriver. Make sure all camera parts are securely installed.

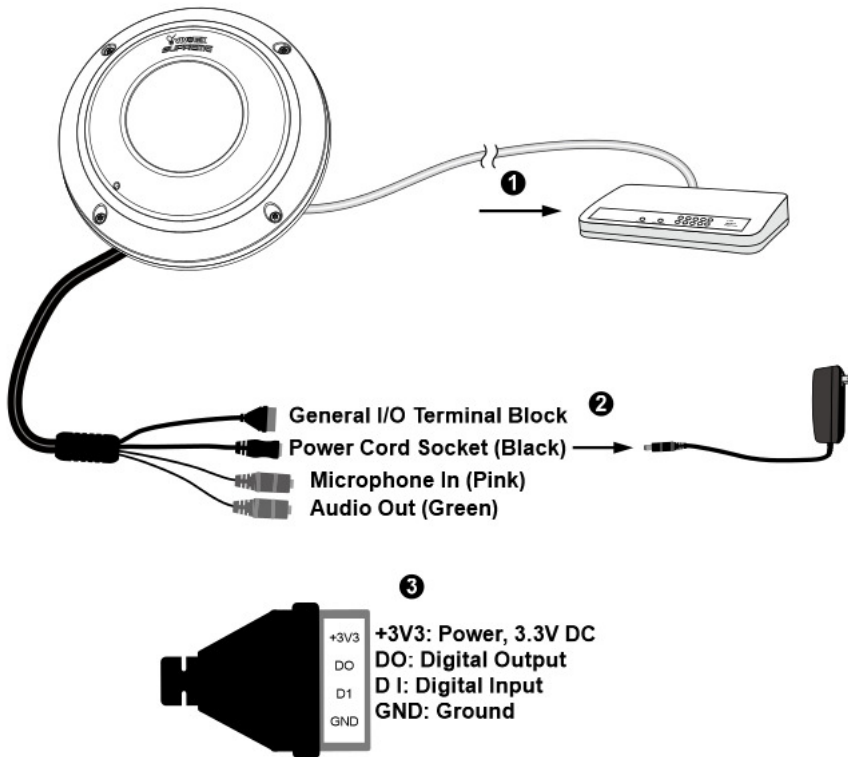


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## 4 Network Deployment

### General Connection (without PoE)

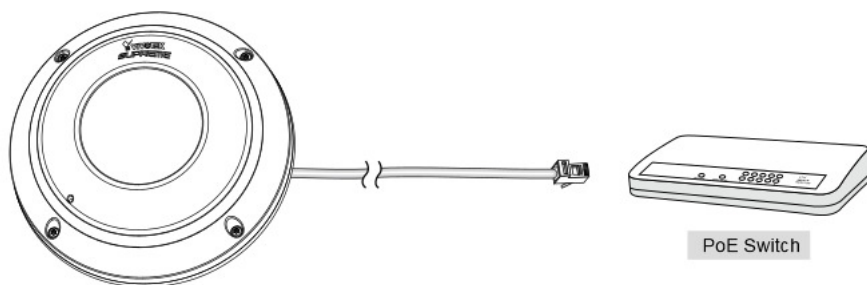
1. Connect RJ45 Ethernet cable to a switch. Use a Category 5 Cross Cable when your network camera is directly connected to PC.
2. Connect the power cable from the Network Camera to a power outlet.
3. If you have external devices such as sensors and alarms, make the connection from the general I/O terminal block.



## **Power over Ethernet (PoE)**

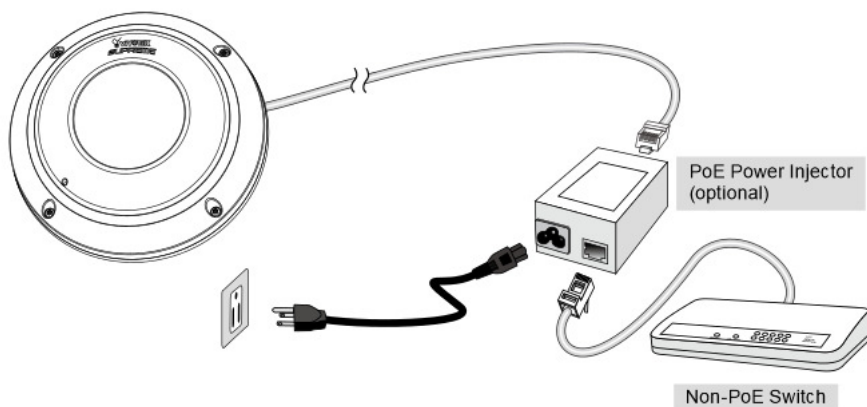
### **● When using a PoE-enabled switch**

The Network Camera is PoE-compliant, allowing transmission of power and data via a single Ethernet cable. Follow the below illustration to connect the Network Camera to a PoE-enabled switch via Ethernet cable.



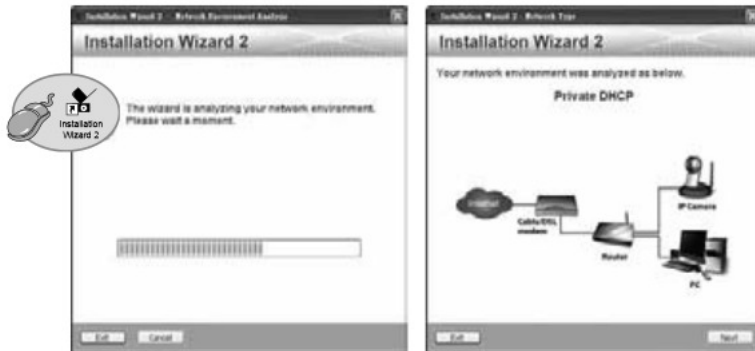
### **● When using a non-PoE switch**

Use a PoE power injector (optional) to connect between the Network Camera and a non-PoE switch.

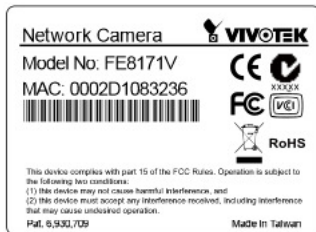


## 5 Assigning an IP Address

1. Install "Installation Wizard 2" from the Software Utility directory on the software CD.
2. The program will conduct an analysis of your network environment. After your network is analyzed, please click on the "Next" button to continue the program.



3. The program will search for VIVOTEK Video Receivers, Video Servers, and Network Cameras on the same LAN.
4. After a brief search, the main installer window will pop up. Double-click on the MAC address that matches the one printed on the camera label or the serial number on the package box label to open a browser management session with the Network Camera.



1. A browser session with the Network Camera should prompt as shown below.
2. You should be able to see live video from your camera. You may also install the 32-channel recording software from the software CD in a deployment consisting of multiple cameras. For its installation details, please refer to its related documents.



For further setup, please refer to the user's manual on the software CD.

