**H.264 • Vandal-proof • IP66**

# NETWORK CAMERA
# Quick Installation Guide

English ┃ 繁中 ┃ 簡中 ┃ 日本語 ┃ Français ┃ Español ┃ Deutsch ┃ Português ┃ Italiano ┃ Türkçe ┃ Polski ┃ Русский ┃ Česky ┃ Svenska ┃ العربية

FD8133V
*Wired*

FD8134V
*PoE*
*IR illuminators*

This guide describes the basic functions of FD8133V / FD8134V.
All detailed information is described in the user's manual.

**VIVOTEK**
www.vivotek.com

*IP Surveillance*

# ⚠ Warning Before Installation

● **Power off the Network Camera as soon as smoke or unusual odors are detected.**

⚠ Contact your distributor in the event of occurrence.

● **Keep the Network Camera away from water. If the Network Camera becomes wet, power off immediately.**

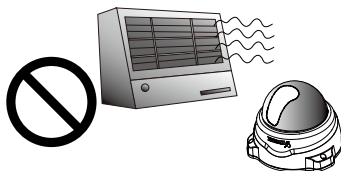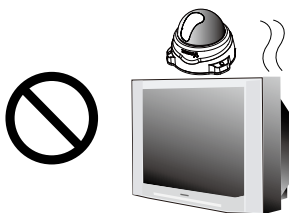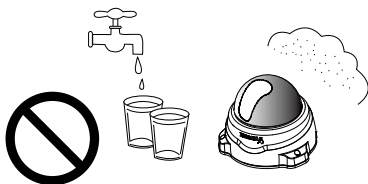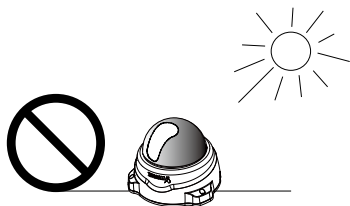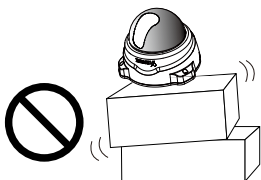⚠ Contact your distributor in the event of occurrence.

● **Do not place the Network Camera around heat sources, such as a television or oven.**

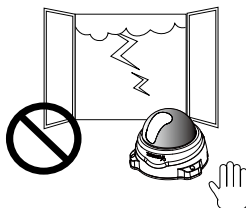● **Refer to your user's manual for the operating temperature.**

● **Keep the Network Camera away from direct sunlight.**

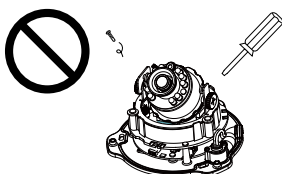● **Do not place the Network Camera in high humidity environments.**

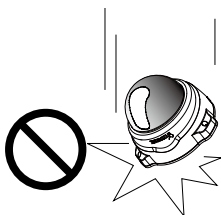**Do not place the Network Camera on unsteady surfaces.**

**Do not touch the Network Camera during a lightning storm.**
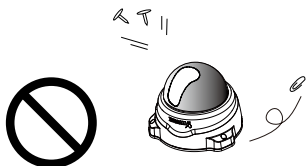
**Do not disassemble the Network Camera.**

**Do not drop the Network Camera.**

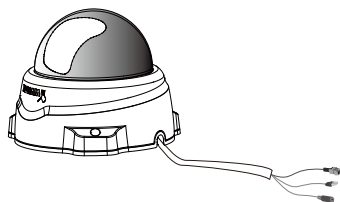**Do not insert sharp or tiny objects into the Network Camera.**

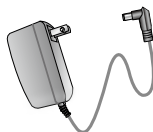# 1 Package Contents

● **FD8133V or FD8134V**



● **Power Adapter**



● **Software CD**



● **Alignment Sticker**
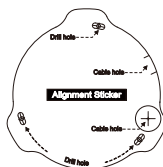


● **Quick Installation Guide / Warranty Card**



● **RJ45 Female/Female Coupler / Screwdriver/ Screws / Clamp Core**



EN - 3

## 2  Physical Description



Light Sensor
Lens
MicroSD/SDHC Card Slot
Reset Button
Status LED

Black Cover
IR LEDs (8 units, distance 10m) (FD8134V only)
General I/O Terminal Block
Ethernet 10/100 RJ45 Plug
Power Cord Socket
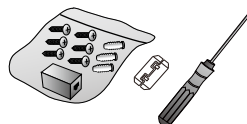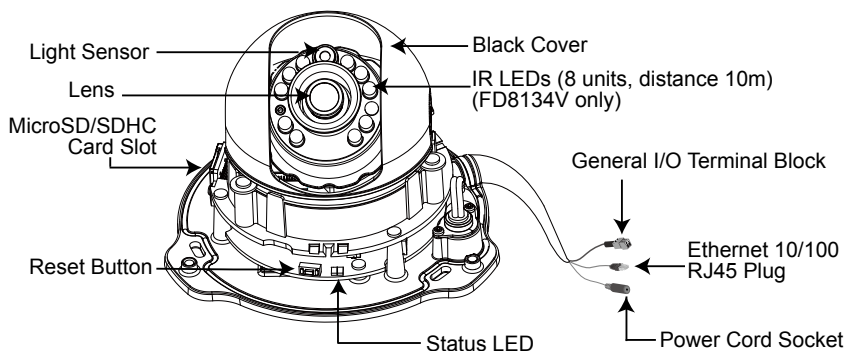
## 3  Hardware Installation

First, follow the instructions below to remove the dome cover.



Dome Cover

Network Camera
Model No: FD8134V
MAC:0002D107258A
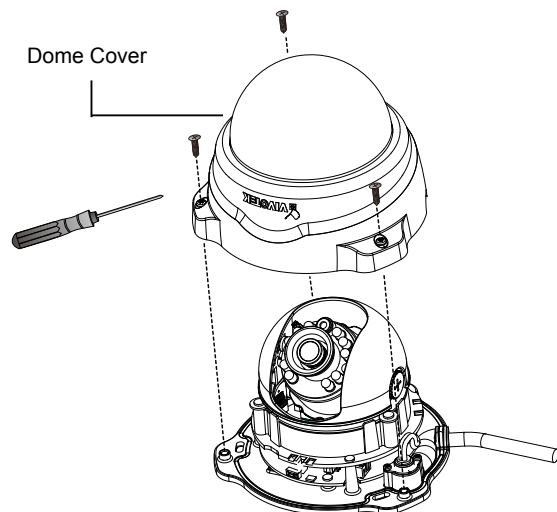
Record the MAC address before installing the camera.

Then remove the black cover as shown below.

Tilt Adjustment Screw
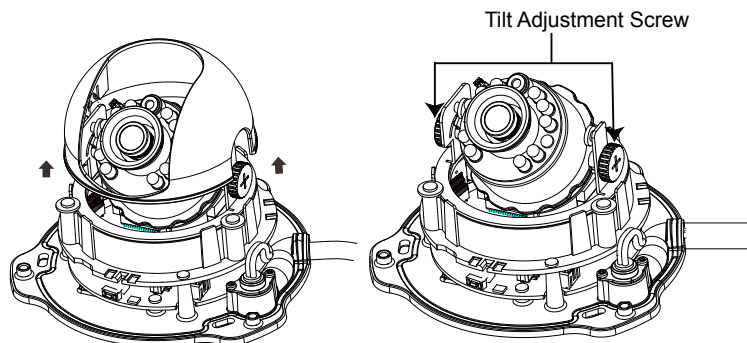


With idiot-proof mechanism design and very compact size, this Network Camera is very easy for user to install in diverse indoor environment.



Ceiling Mount

Wall Mount

1. Attach the alignment sticker to the ceilling/wall.
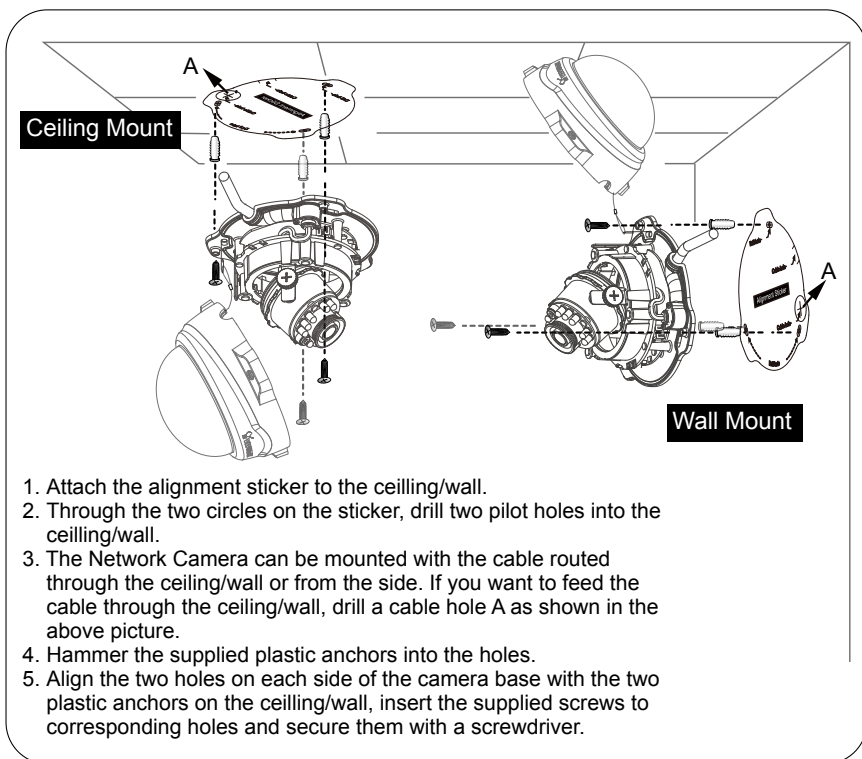2. Through the two circles on the sticker, drill two pilot holes into the ceilling/wall.
3. The Network Camera can be mounted with the cable routed through the ceiling/wall or from the side. If you want to feed the cable through the ceiling/wall, drill a cable hole A as shown in the above picture.
4. Hammer the supplied plastic anchors into the holes.
5. Align the two holes on each side of the camera base with the two plastic anchors on the ceilling/wall, insert the supplied screws to corresponding holes and secure them with a screwdriver.

6. Buckle the supplied clamp core onto the cable to against the EMI radiation.

The clamp core should be away from the device at least 5 cm.

5 cm
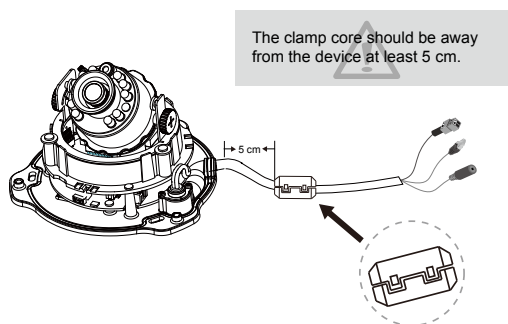


**4** **Network Deployment**

## General Connection (without PoE)

1. If you have external DI devices, make the connection from general I/O terminal block.
2. Use the supplied RJ45 female/female coupler to connect the Network Camera to a switch.
   Use a Category 5 Cross Cable when Network Camera is directly connected to PC.
3. Connect the supplied power cable from the Network Camera to a power outlet.

+ : Digital input
- : Digital input

Ethernet Switch

**1**

**2**

**3**
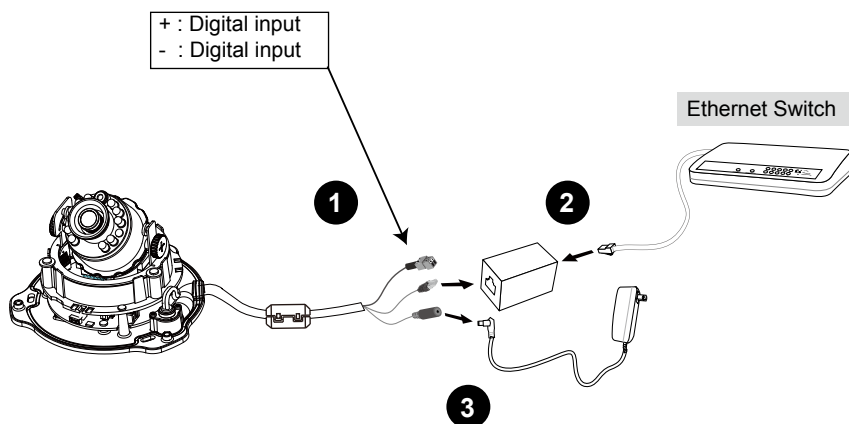
# Power over Ethernet (PoE) (FD8134V only)

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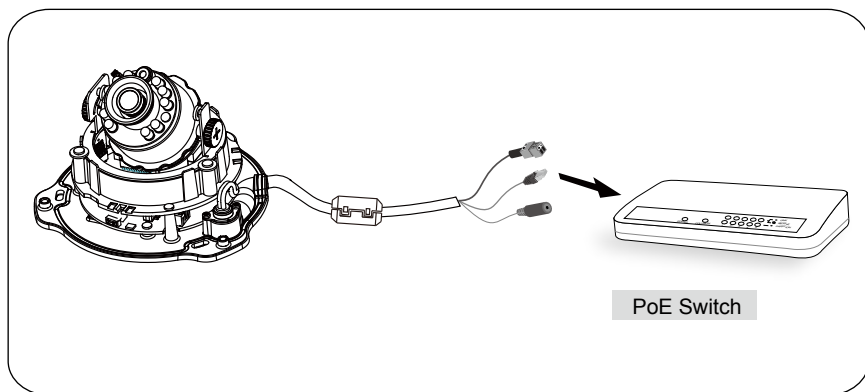
This Network Camera is PoE-compliant, allowing transmission of power and data via a single Ethernet cable. Follow the below illustration to connect the Network Camera to a PoE-enabled switch via Ethernet cable.



PoE Switch

## ● When using a non-PoE switch

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



PoE Power Injector (optional)

Non-PoE Switch
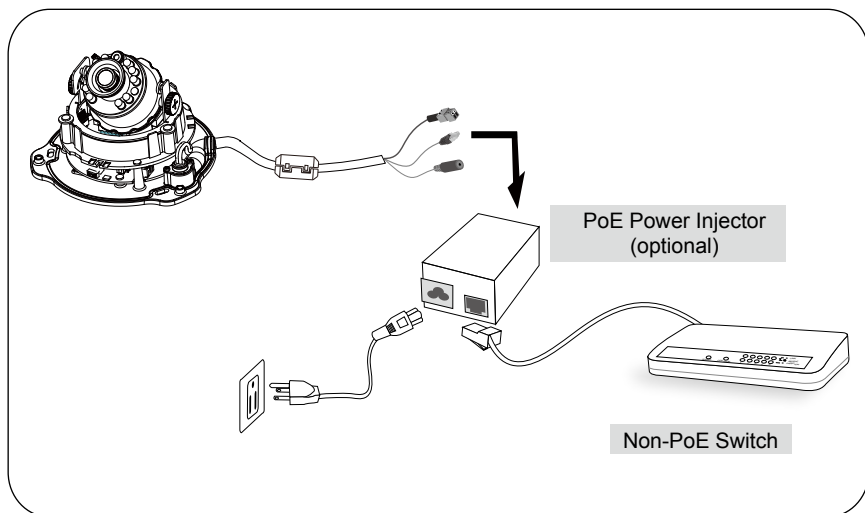
## 5 Assigning an IP Address

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.
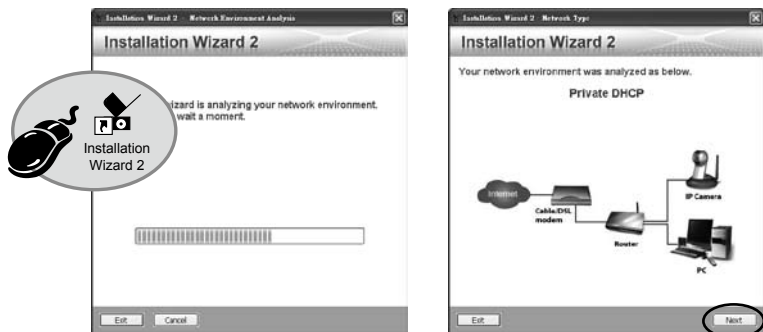


3. The program will search for VIVOTEK Video Receivers, Video Servers, and Network Cameras on the same LAN.
4. After searching, the main installer window will pop up. Click on the MAC that matches the one labeled on the bottom of your device to connect to the Network Camera via Internet Explorer.

## 6 Ready to Use

1. Access the Network Camera on the LAN.
2. Retrieve live video through a web browser or recording software.
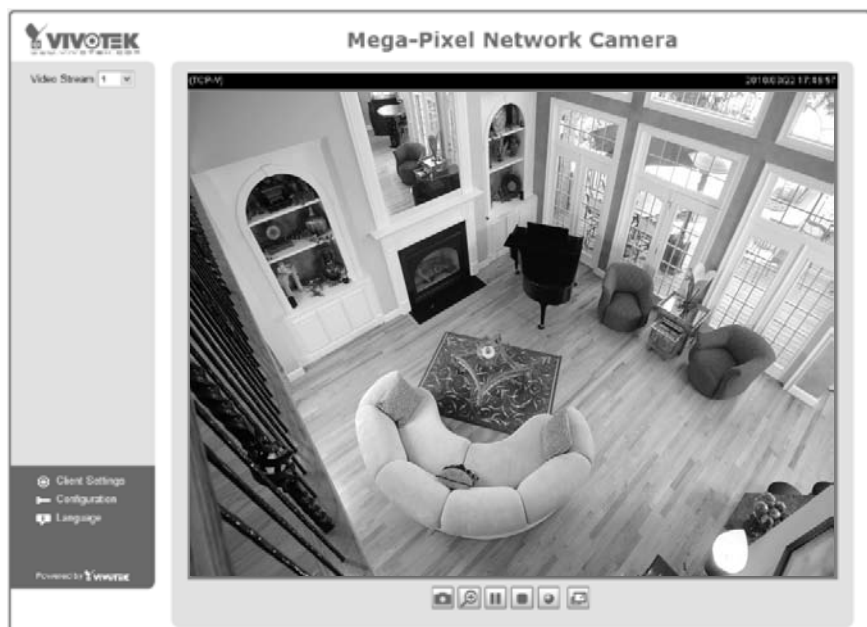


For further setup, please refer to the user's manual on the software CD.

## 7 Adjusting the Lens

Based on the live image retrieved from the camera, adjust the camera lens to the desired viewing angle:

1. Turn the lens module left and right.
2. Loosen the tilt adjustment screws on both sides of the camera and then turn the lens module up and down. Upon completion, tighten the screws.
3. Turn the lens to adjust the image orientation.



Rotate the screw
Turn the lens

Pan 350°
Loosen ❶
Tighten ❷
Tilt 85°
❸
Rotate 350°
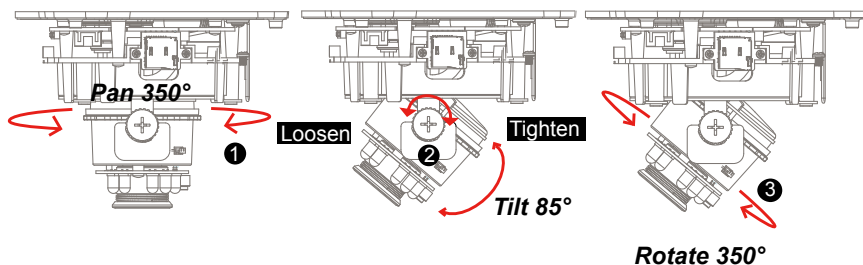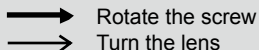
### 3-axis Mechanism Design

The sophisticated 3-axis mechanism design offers very flexible, easy hardware installation for either ceiling or wall mount.



Tilt Adjustment Screw

Pan 350°

Rotate 350°

Tilt 85°
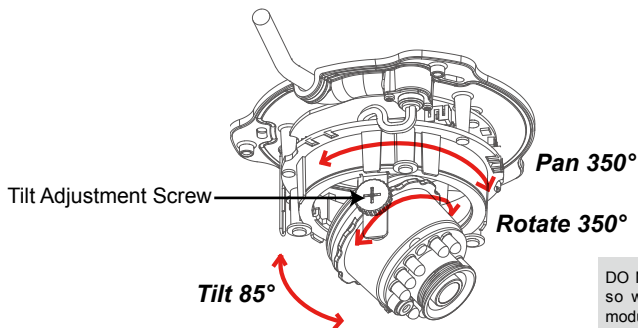
DO NOT over rotate the lens. Doing so will damage the camera lens module.

EN - 10

## 8 Completion

1. Align the inner side of the black cover with the notch on both sides of the lens, fix the black cover.
2. If you choose to the feed the cable through the ceiling/wall, arrange the cable neatly through the cable hole. If you choose to feed the cable from the side, remove plate B.
3. Attach the dome cover to the camera as the direction shown below. With idiot-proof mechanism design, the dome cover cannot be attatched if the angle does not fit.
4. Finally, make sure all parts of the camera are securely installed.



Be aware of the cable route!

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W W W . V I V O T E K . C O M

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