

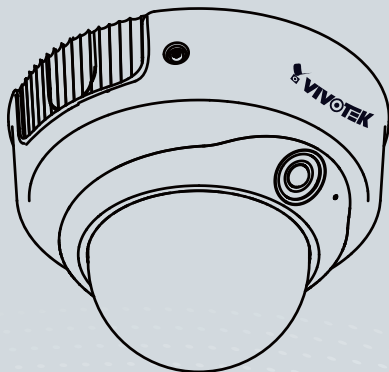


**FD8161** Fixed Dome  
Network Camera

# Quick Installation Guide

English | 繁體中文 | 簡體中文 | 日本語 | Français | Español | Deutsch | Português | Italiano | Türkçe | Polski | Русский | Český | Svenska | العربية

PIR • 3-axis • ePTZ





## Warning Before Installation

- **Power off the Network Camera as soon as smoke or unusual odors are detected.**
- **Keep the Network Camera away from water. If the Network Camera becomes wet, power off immediately.**

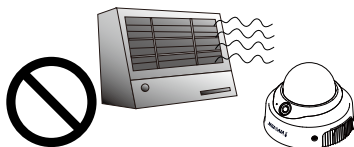
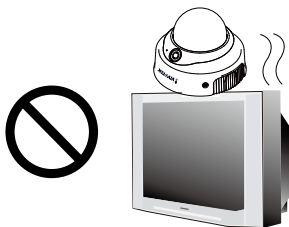


Contact your distributor in the event of occurrence.

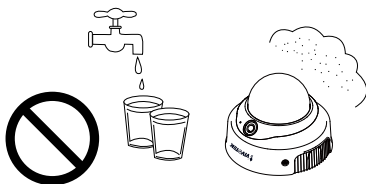
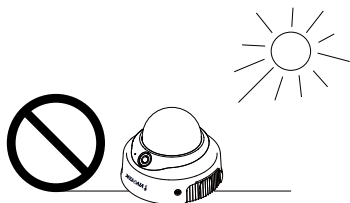


Contact your distributor in the event of occurrence.

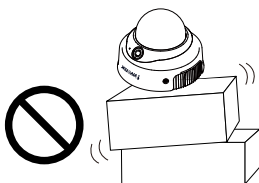
- **Do not place the Network Camera around heat sources, such as a television or oven.**
- **Refer to your user's manual for the operating temperature.**



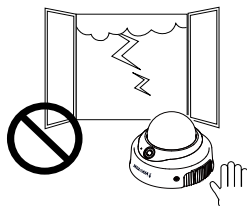
- **Keep the Network Camera away from direct sunlight.**
- **Do not place the Network Camera in high humidity environments.**



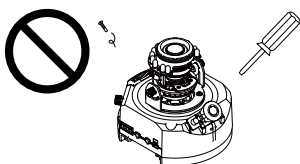
- Do not place the Network Camera on unsteady surfaces.



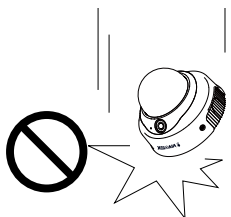
- Do not touch the Network Camera during a lightning storm.



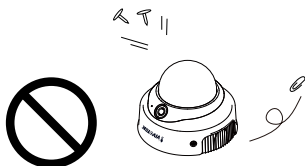
- Do not disassemble the Network Camera.



- Do not drop the Network Camera.

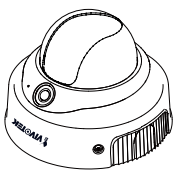


- Do not insert sharp or tiny objects into the Network Camera.



# 1 Package Contents

## FD8161



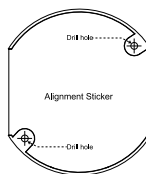
## Power Adapter



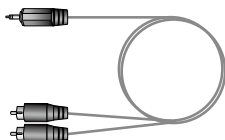
## Software CD



## Alignment Sticker



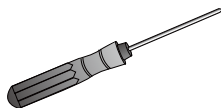
## A/V Cable



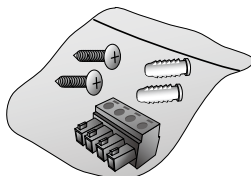
## Quick Installation Guide / Warranty Card

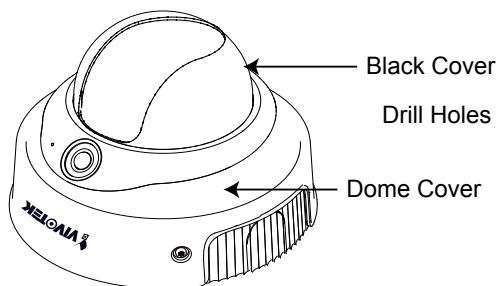
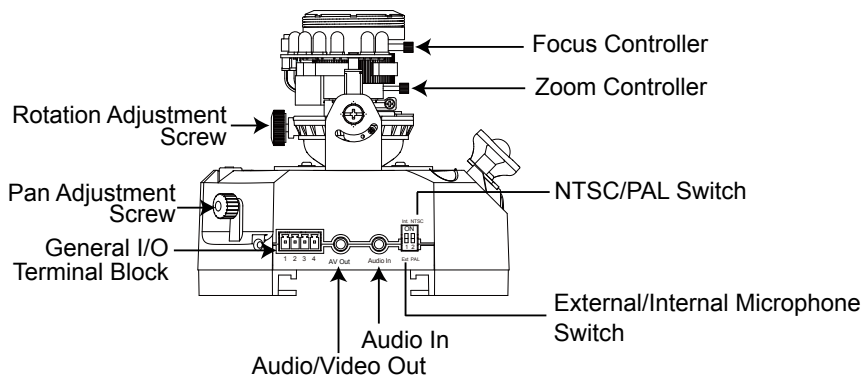
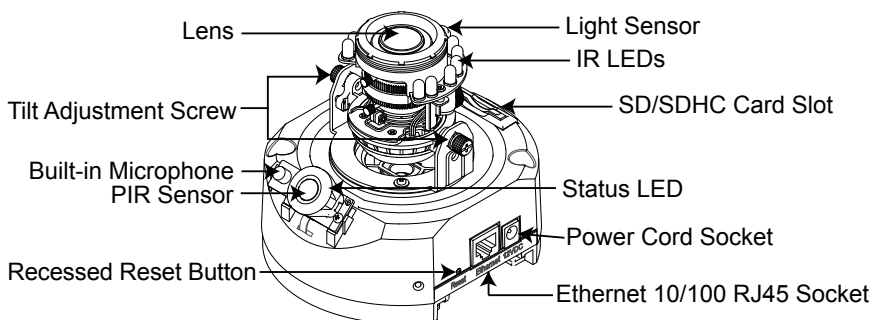


## Screwdriver

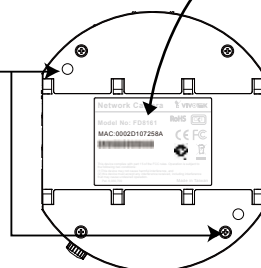


## Screws and I/O Connector





Keep a note of the MAC address before installing the camera.



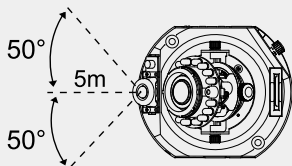
### 3 Hardware Installation

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

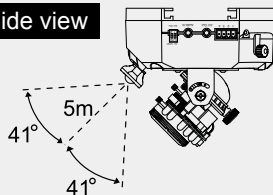
#### **Installation Tips**

Before installing the camera, look for a shooting area that best suits your needs. The built-in PIR (Passive Infrared) sensor will be triggered when a person enters its detection range. The sensitivity of PIR sensor depends on the object size and temperature differences between the object and the background environment. Therefore, it is crucial to install the camera at a place with the PIR sensor facing the desired direction.

**Top view**



**Side view**

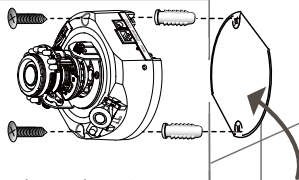


#### **Ceiling mount**

Through the two holes on each side of the camera base, insert the supplied two screws to corresponding holes and secure them with a screwdriver.

#### **Wall mount**

1. Attach the alignment sticker to the wall.
2. Through the two circles on the sticker, drill two pilot holes into the wall.
3. Hammer the supplied plastic anchors into the holes.
4. Align the two holes on each side of the camera base with the two plastic anchors on the wall, insert the supplied screws to corresponding holes and secure them with a screwdriver.

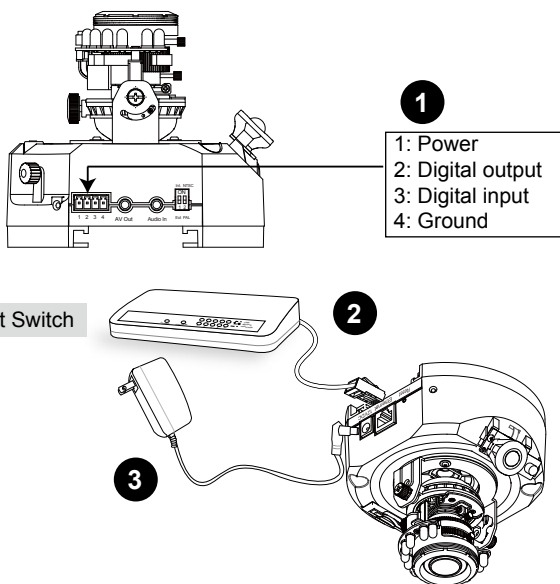


**Alignment sticker**

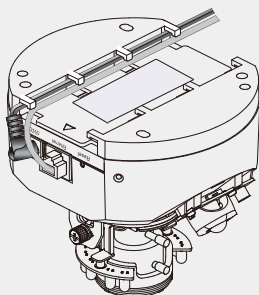
## 4 Network Deployment

### **General Connection (without PoE)**

1. If you have external devices such as sensors and alarms, connect them to the general I/O terminal block.
2. Connect the camera to a switch via Ethernet cable.
3. Connect the power cable from the Network Camera to a power outlet.



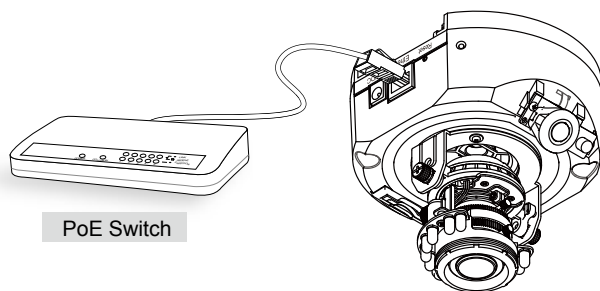
### **Installation Tips**



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

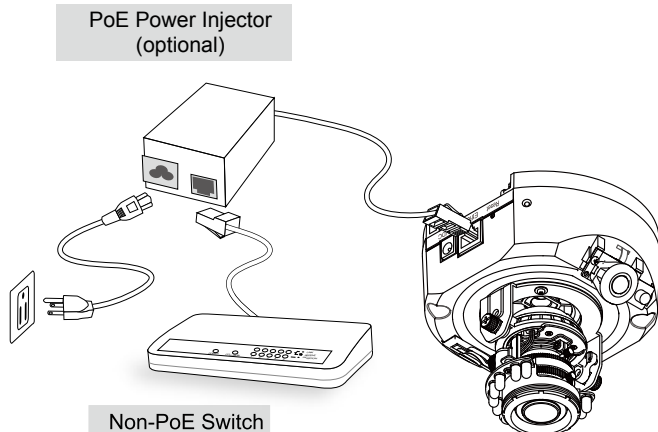
### ● **When using a PoE-enabled switch**

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.



### ● **When using a non-PoE switch**

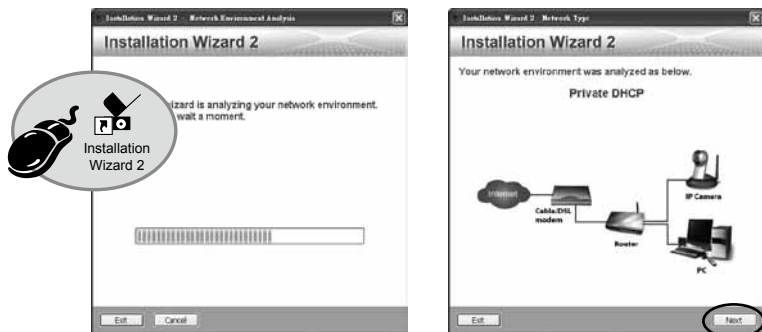
Use a PoE power injector (optional) to connect between the Network Camera and a non-PoE switch.



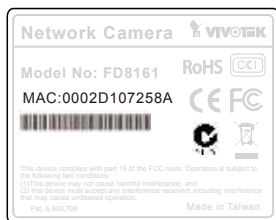


## 5 Assigning an IP Address

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 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.

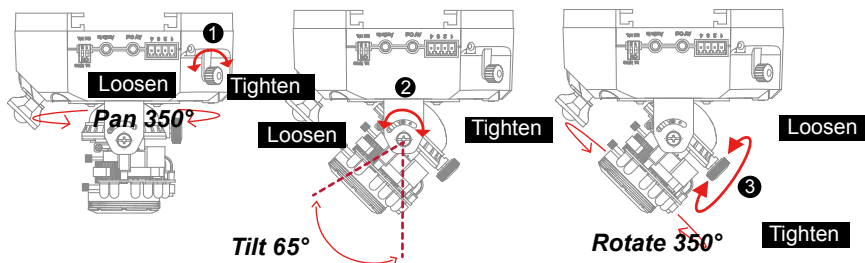
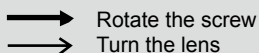


For further setup, please refer to the user's manual on the software CD.

Based on the live image retrieved from the camera, adjust the camera lens by doing the following:

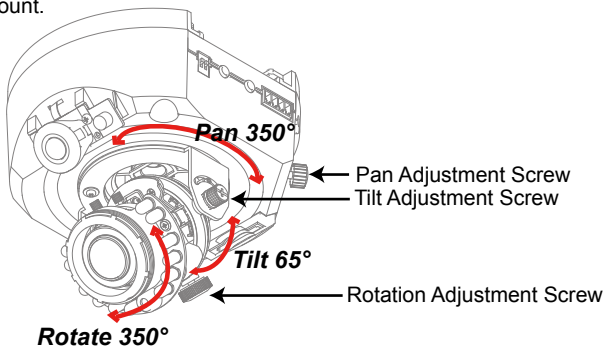
### **To adjust the viewing angle**

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



### **3-axis Mechanism Design**

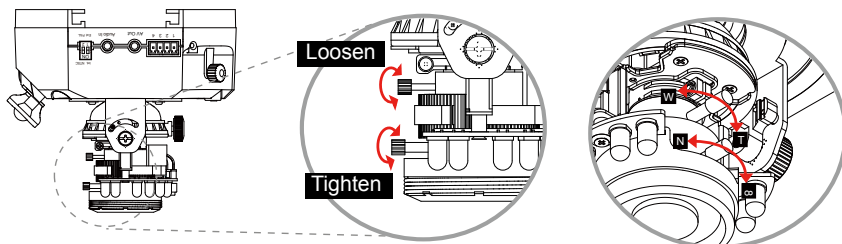
The sophisticated 3-axis mechanism design offers very flexible, easy hardware installation for either ceiling or wall mount.



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

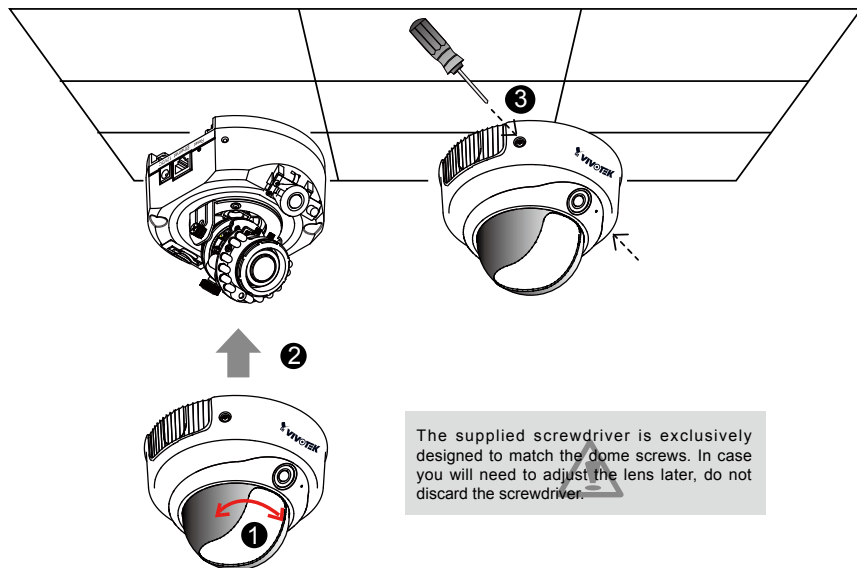
## To adjust the zoom factor and focus range

1. Loosen the zoom controller to adjust the zoom factor. Upon completion, tighten the zoom controller.
2. Loosen the focus controller to adjust the focus range. Upon completion, tighten the focus controller.



## 8 Completion

1. Rotate the black cover inside the dome cover to fit the lens shooting direction.
2. Attach the dome cover to camera.
3. Secure the two dome screws with a screwdriver. Finally, make sure all parts of the camera are securely installed.



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All specifications are subject to change without notice.

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