

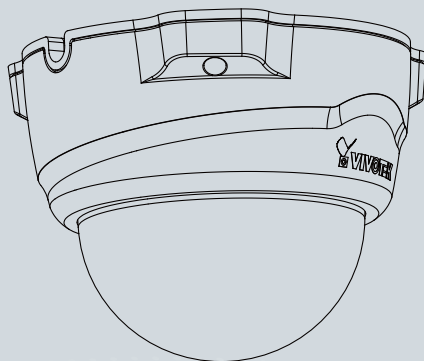


**FD8131V** Fixed Dome  
Network Camera

# Quick Installation Guide

English | 繁体中文 | 简体中文 | 日本語 | Français | Español | Deutsch | Português | Italiano | Türkçe | Polski | Русский | Česky | Svenska | العربية

H.264 • Vandal-proof • IP66



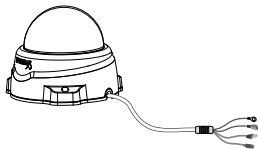


## Warning Before Installation

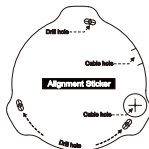
- Power off the Network Camera as soon as smoke or unusual odors are detected.
- Do not place the Network Camera around heat sources, such as a television or oven.
- Keep the Network Camera away from direct sunlight.
- Do not place the Network Camera on unsteady surfaces.
- Do not disassemble the Network Camera.
- Do not insert sharp or tiny objects into the Network Camera.
- Keep the Network Camera away from water. If the Network Camera becomes wet, power off immediately.
- Refer to your user's manual for the operating temperature.
- Do not place the Network Camera in high humidity environments.
- Do not touch the Network Camera during a lightning storm.
- Do not drop the Network Camera.
- Replacing or failing to properly install the waterproof components, e.g., cables or cable glands, will void our IP65/66/67 warranty.

## 1 Package Contents

### FD8131V



### Alignment Sticker



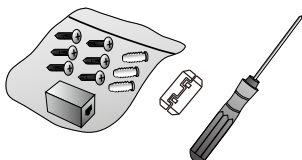
### Software CD



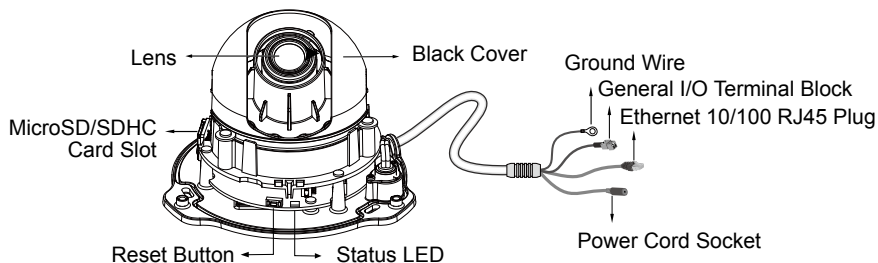
### Quick Installation Guide / Warranty Card



### RJ45 Female/Female Coupler / Screwdriver/ Screws / Clamp Core

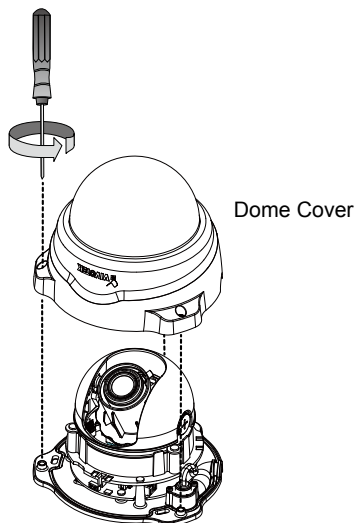


## 2 Physical Description

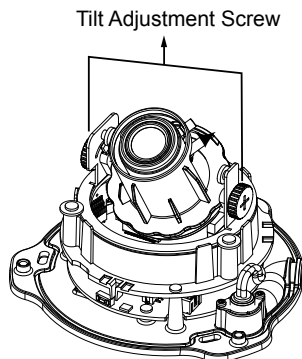
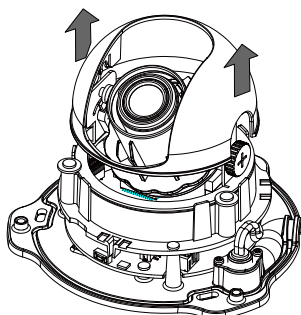


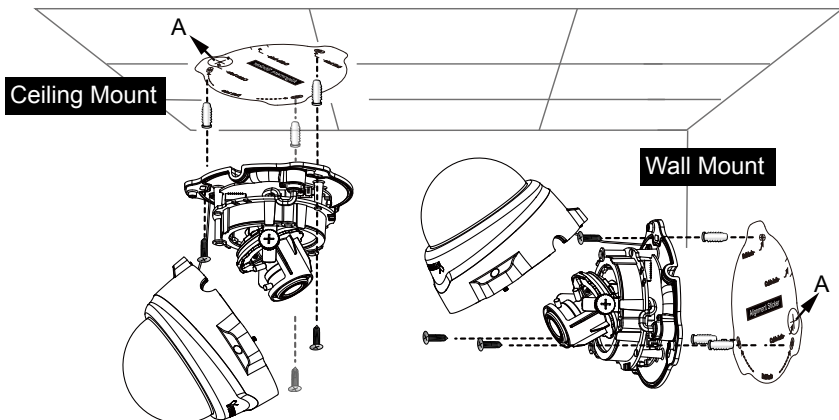
### 3 Hardware Installation

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

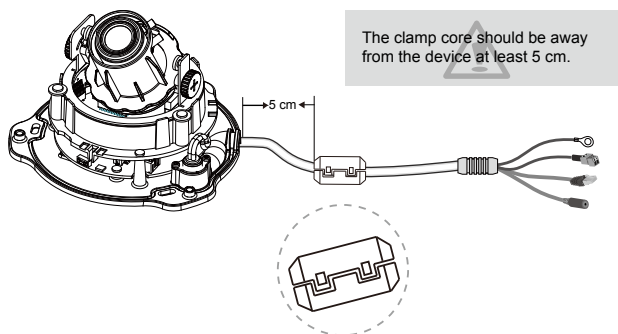


Then remove the black cover as shown below.





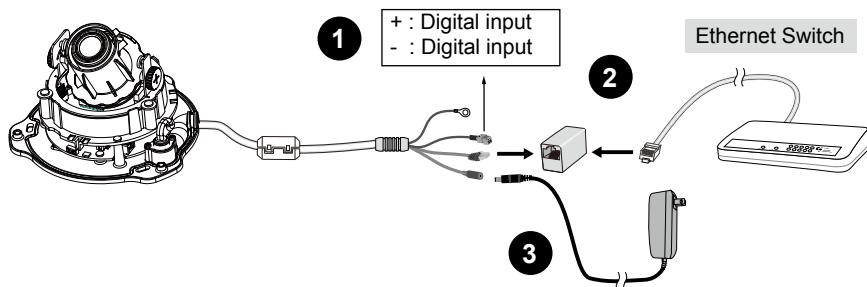
1. Attach the alignment sticker to the ceiling/wall.
2. Through the two circles on the sticker, drill two pilot holes into the ceiling/wall.
3. The Network Camera can be mounted with the cable routed through the ceiling/wall or from the side. If you want to feed the cable through the ceiling/wall, drill 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 ceiling/wall, insert the supplied screws to corresponding holes and secure them with a screwdriver.
6. Buckle the supplied clamp core onto the cable to prevent EMI radiation.



## 4 Network Deployment

### General Connection (without PoE)

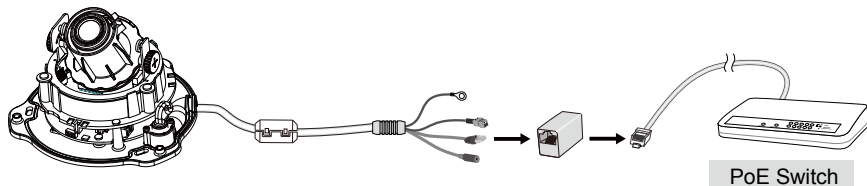
1. If you have external DI devices, make the connection from general I/O terminal block.
  2. Use the supplied RJ45 female/female coupler to connect the Network Camera to a switch.
  3. Use a Category 5 Cross Cable when Network Camera is directly connected to PC.
- Use a Category 5 Cross power cable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



### Power over Ethernet (PoE)

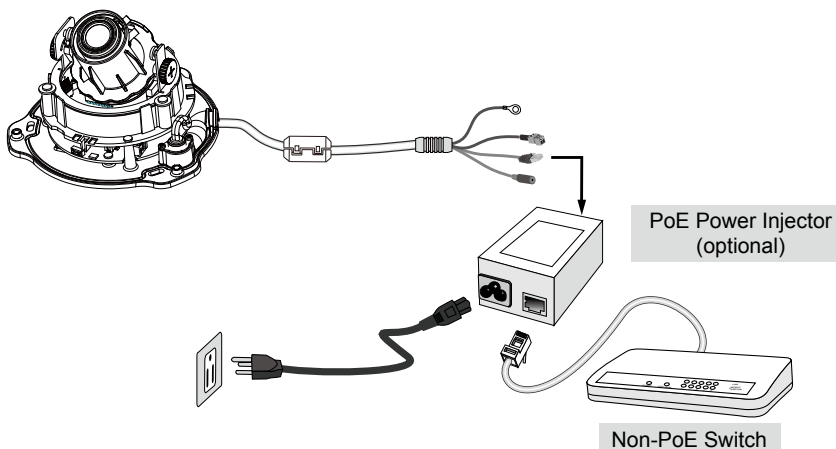
#### ● When using a PoE-enabled switch

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

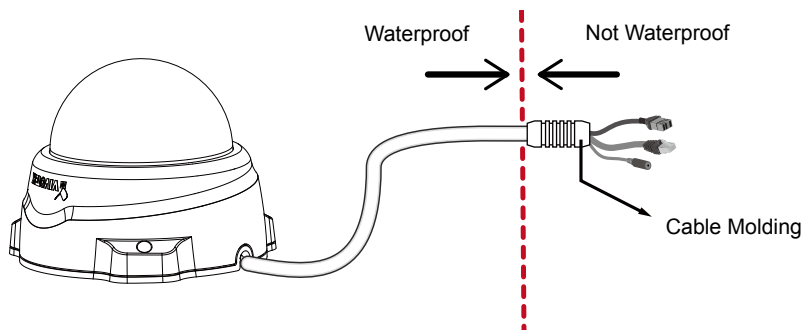
Use a PoE power injector (optional) to connect between the Network Camera and a non-PoE switch.



### IMPORTANT:

Although the camera and the cable gland on the camera's end are waterproof, the cable molding at the other end is not waterproof.

Measures should be taken to prevent water from leaking in through the cable-end molding, such as the use of expanding foam sealant, putties, and so on. Note that the cable gland on the camera should also be securely fastened to attain its waterproof functionality.

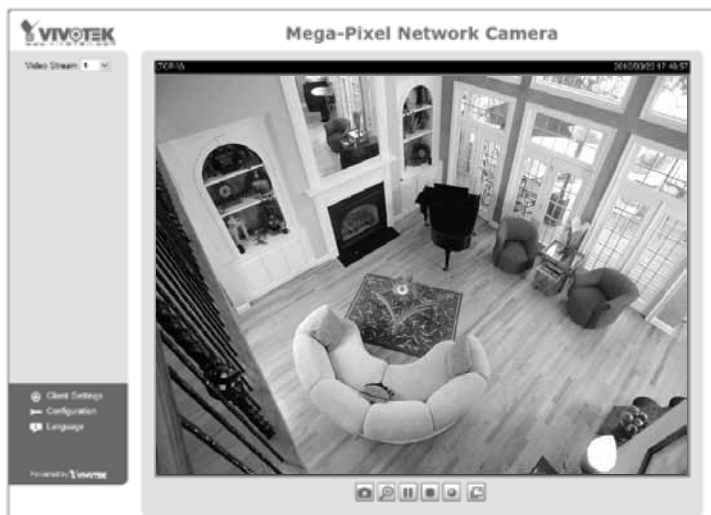


## 5 Assigning an IP Address

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 all 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 S/N number on the package box label to open a browser management session with the Network Camera.

## 6 Ready to Use

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.



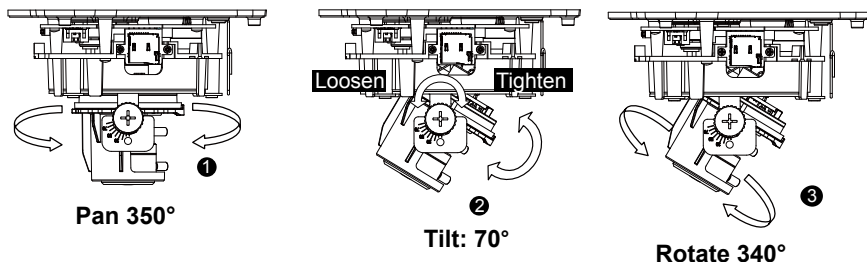
For further setup, please refer to the user's manual on the software CD.



## 7 Adjusting the Lens

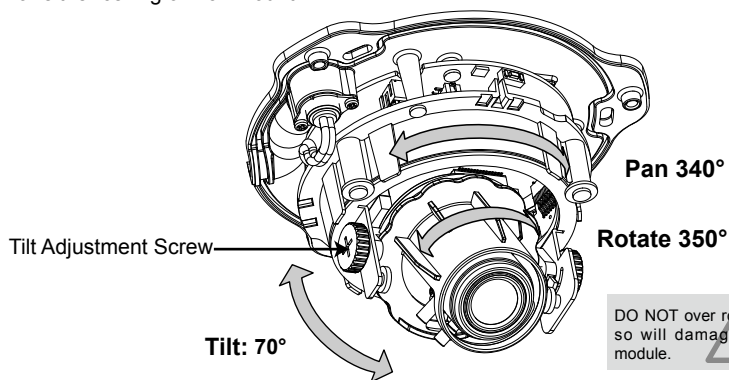
Based on the live image retrieved from the camera, adjust the camera lens to the desired viewing angle:

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.



### 3-axis Mechanism Design

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

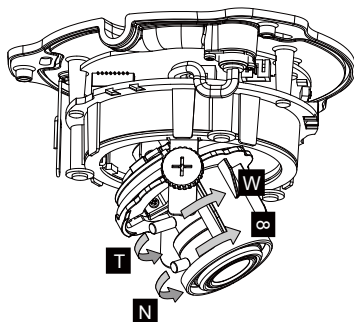


DO NOT over rotate the lens. Doing so will damage the camera lens module.



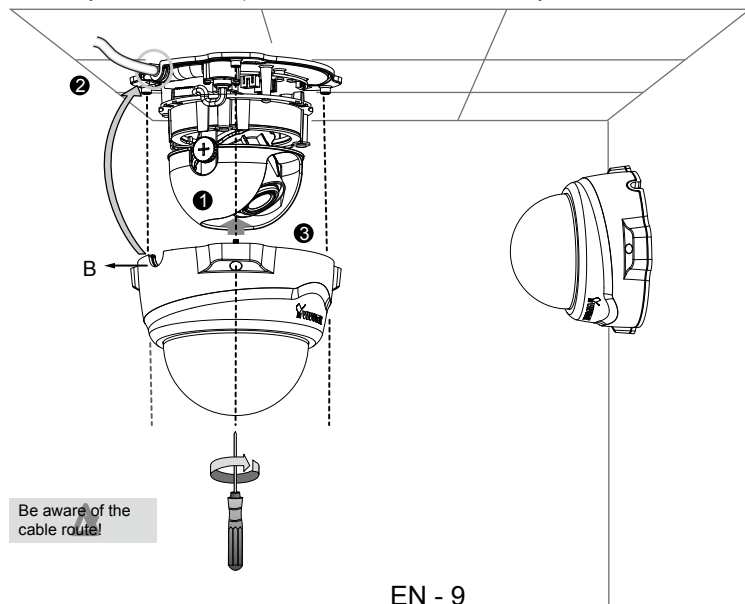
## To adjust the zoom factor and focus range

1. Loosen the zoom controller and then adjust zoom factor by moving the controller left and right. Upon completion, tighten the zoom controller screw.
2. Loosen the focus controller and then adjust focus range by moving the controller left and right. Upon completion, tighten the focus controller screw.



### 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 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 shown below. The dome cover cannot be attached if installed in the wrong orientation. Align the side cover (or side cutout) with where the cable comes out from the camera. Push the dome cover to join with the camera.
4. Finally, make sure all parts of the camera are securely installed.



P/N:625018600G Rev. 1.0

All specifications are subject to change without notice.  
Copyright © 2012 VIVOTEK INC. All rights reserved.



**VIVOTEK INC.**

6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C.  
| T: +886-2-82455282 | F: +886-2-82455532 | E: sales@vivotek.com

**VIVOTEK USA, INC.**

2050 Ringwood Avenue, San Jose, CA 95131  
| T: 408-773-8686 | F: 408-773-8298 | E: salesusa@vivotek.com