Quick Installation Guide

IP7161
2-megapixel • Day & Night

Network Camera

VIVOTEK

⚠ Warning Before Install

● **Power off the Network Camera as soon as it is found smoking or smelt unusual.**

⚠ Contact your distributor when such cases happen.

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

⚠ Contact your distributor when such cases happen.
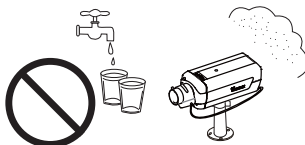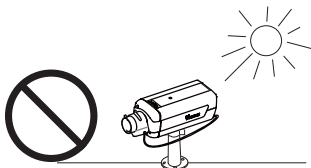
● **Do not place the Network Camera around the heat sources, such as television or oven.**

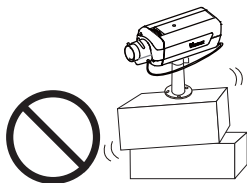● **Refer to your user's manual for the operating temperature.**
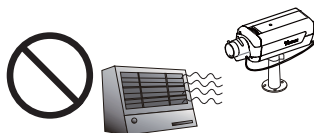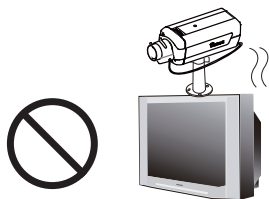
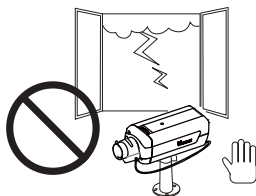● **Keep the Network Camera away from direct sunlight.**

● **Do not place the Network Camera in high humid environments.**
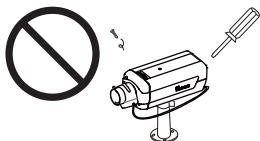
● **Do not place the Network Camera on unsteady surfaces.**

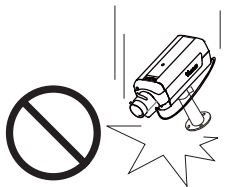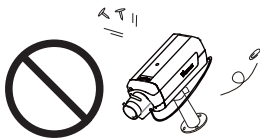● **Do not touch the Network Camera when it's lightening.**

● **Do not disassemble the Network Camera.**

● **Do not drop the Network Camera.**

● **Do not insert any object into the Network Camera, such as needles.**

1 Package Contents

IP7161
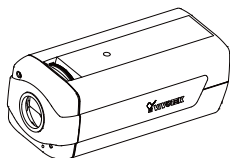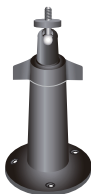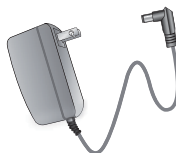
Power adapter

Camera stand

CS-mount lens

Quick installation guide

Software CD

Warranty card

L-type hex key wrench

Front panel

Light sensor

Lens

Built-in microphone

Back panel

Audio out

Status LED

Microphone in

Mic

Audio Out

SD Card

SD/SDHC card slot

Ethernet 10/100 RJ45 socket

Ethernet

Reset

Ext. Int.

1 2 3 4 5 6 7 8

12V 1.5A

Power cord socket

General I/O terminal block

Indented reset button

External/Internal MIC switch

Lens

Focus controller

Zoom controller
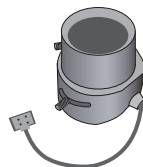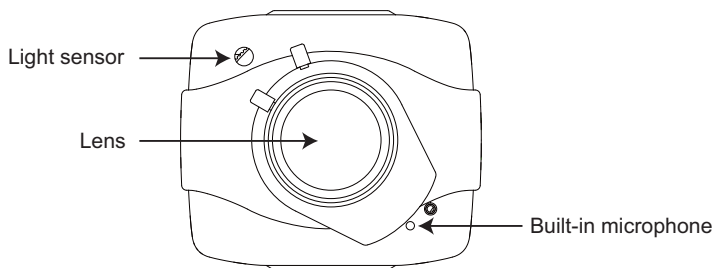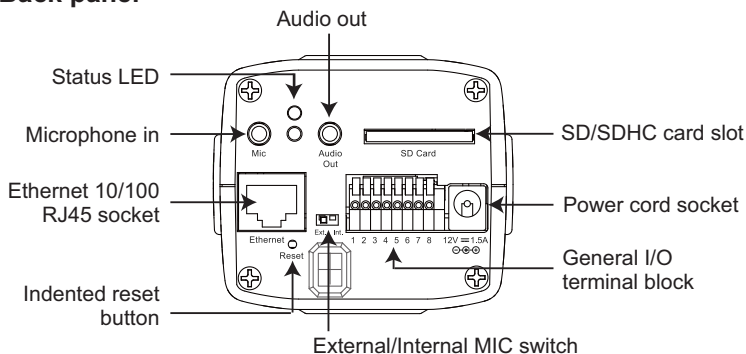
3 Mounting the Lens to the Camera

1. Mount the lens by turning it clockwise onto the camera mount until it stops. If necessary, turn the lens counterclockwise slowly until it gets the best attitude.
2. Connect the lens cable plug to the camera connector.

For further setup, please refer to the lens' instruction manual inside the lens package.

4 Network Deployment

General Connection (without PoE)

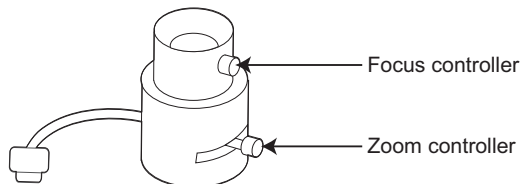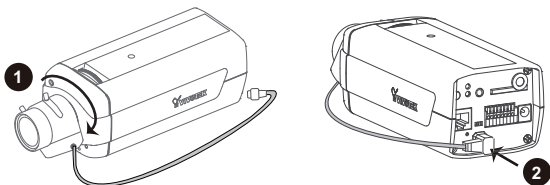1. If you have external devices such as sensors and alarms, make connections from general I/O terminal block.
2. Connect the camera to a switch via Ethernet cable.
3. Connect the supplied power cable from the camera to a power outlet.

1: Power +12V
2: Digital output
3: Digital input
4: Ground
5: AC 24V
6: AC 24V
7: RS485+
8: RS485-
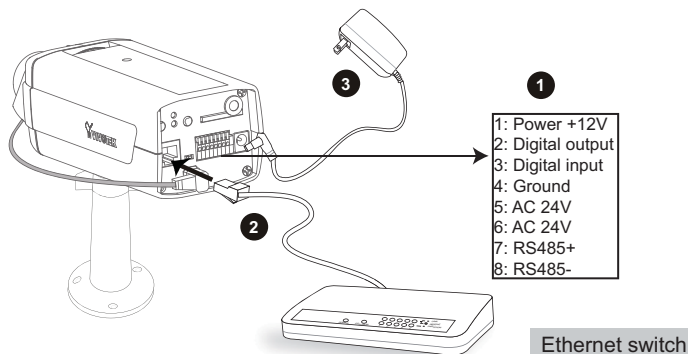
Ethernet switch

Power over Ethernet (PoE)

When using a PoE-enabled switch

The camera is PoE-compliant, allowing transmission of power and data via single Ethernet cable. See the following illustration to connect the camera to a PoE-enabled switch via Ethernet cable.
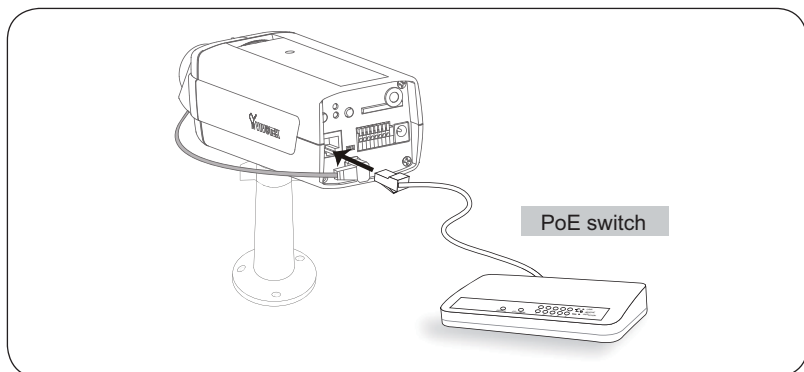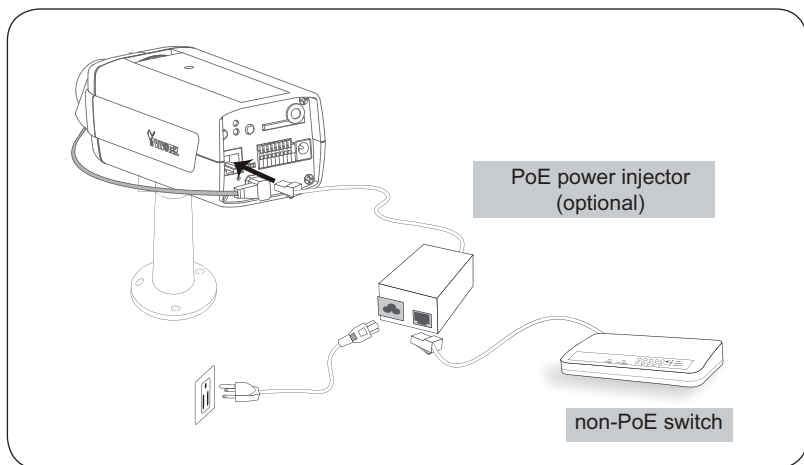

PoE switch

When using a non-PoE switch

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

PoE power injector (optional)

non-PoE switch

5 Assigning IP Address

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


3. The program will search the VIVOTEK Video Receivers, Video Servers or 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 the Internet Explorer to the Network Camera.

7
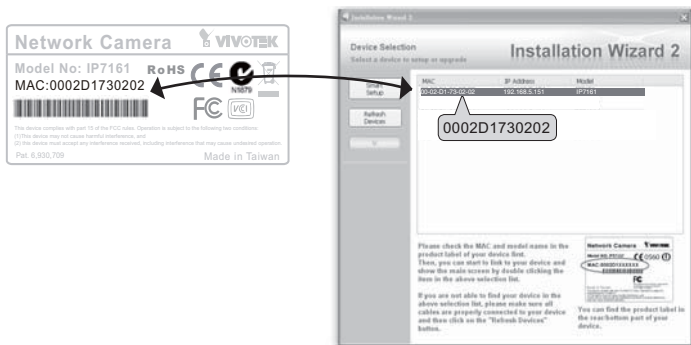
6 Ready to Use

1. Access to the Network Camera from the Internet.
2. Retrieve live video through web browsers or recording software.
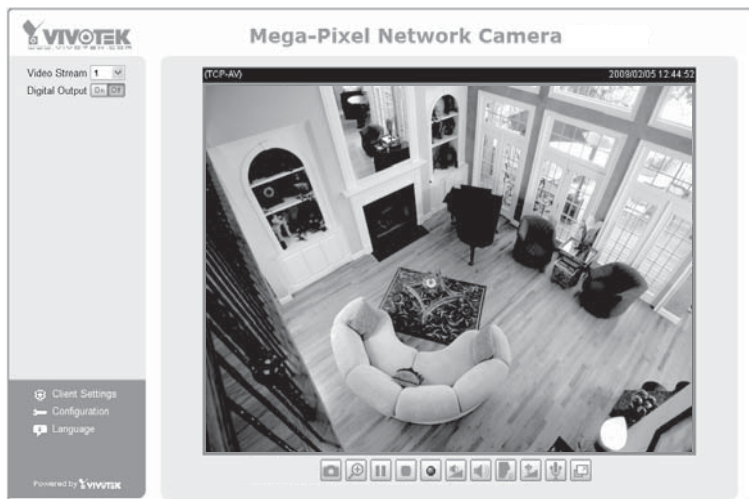
3. Unscrew the zoom controller to adjust the zoom factor. Upon completion, tighten the zoom controller.
4. Unscrew the focus controller to adjust the focus range. Upon completion, tighten the focus controller.

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

7 Fine-tune the Camera Focus

Please follow the steps below to fine-tune the camera focus:

1. Use the supplied L-type hex key wrench to loosen the ring screw; the adjusting ring will become rotatable.

2. Rotate the adjusting ring to fine-tune the distance between the sensor and the lens; the IR-cut filter and image sensor will move forwards or backwards as the illustration shows below.

3. When finished, tighten the ring screw to fix the adjusting ring.

for CS-mount lens

for C-mount lens

IR-cut filter and image sensor

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www.vivotek.com