WARNING:
To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.

All work related to the installation of this product must be carried out by qualified service personnel or system installers.

The installer must carry out in accordance with local electrical codes and regulations.

The installer should complete all electrical connections before wiring the camera.

The installer should locate the camera so that it comes to closer to the direction in which the eye will be located.

Camera mount bracket cover fixing screw
Camera mount bracket cover ..................................... 2 pc.
Safety wire ......................................................... 1 pc.
4P alarm cable ................................................... 1 pc.

IMPORTANT SAFETY INSTRUCTIONS ............... 1 pc.

The following notations are used when describing the functions limited for specified models.

For information about how to perform the settings and how to operate the camera, refer to the operating instructions on the provided CD-ROM.

For Europe and other countries:
Winsbergring 15, 22525 Hamburg, Germany
Panasonic Testing Centre
Authorised Representative in EU:
Panasonic i-PRO Sensing Solutions Co., Ltd.
49-00 111th Ave, Whitestone, NY 11357-1597, USA

For U.S. and Canada:
Panasonic LCC Sensing Solutions Corporation of North America
600 seminar place, Hanover Park, IL 60133-1795
http://www.panasonic.com

Panasonic Canada Inc.
2500, McPherson Way, Mississauga, Ontario, L4W 2T9 Canada
http://www.panasonic.ca

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Important safety instructions
1) Keep these instructions.
2) Heed all warnings.
3) Follow all instructions.
4) Do not use this apparatus near water.
5) Clean only with a dry cloth.
6) Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9) Unplug this apparatus during lightning storms or when unused for long periods of time.

Model No. WV-S1531LTN / WV-S1531LN

For future reference, please record the model and serial number of this equipment.

WV-S1531LN

• This model number and serial number of this product may be found on the bottom or the back of the panel. Please record the number in the space provided below and retain this book as a permanent record of your purchase to aid identification in the event of theft.

Model No. Serial No.

(WV-S1531LN)

Before attempting to connect or operate this product, please read these instructions carefully and save the manual for future use.

Installation Guide
Included Instruction Manuals

Network Camera

For Canada:

Network Camera is also not available for resale in the following countries unless otherwise noted:

Note:

- Stock out

- Not available for resale

- Not available for network camera

Other items that are needed (not included)

Ter off the blue tape attached on camera arm before installing the camera.
Proper preparation for each installation method is starting the installation. The following are the requirements for the various installation methods.

Installation method
Recommended screws
Description of installation method

Directly mount the camera onto the ceiling or wall (when there is a space for ceiling in the calling or the wall)

M5 screws/ 4pcs. [Type 1]

● Mount the camera onto the ceiling or wall, the safety wire (accessories) must be attached. Fix the support bracket (accessory) to the ceiling or wall with the M5 screws (4pcs.) and safety wire. (M5 screws/4pcs., safety wire lug in a screw)

(if there is a space for ceiling in the calling or the wall)

M5 screws/ 4pcs. [Type 2]

● Mount the camera through the ceiling access hole, the safety wire (accessories) must be attached. Select the minimum distance from the installed ceiling and the screw, and make sure to notch the ceiling and wall as needed. Mounting the camera onto the ceiling or wall

The mounting location such as wall plate is too narrow to ensure the safety, the area shall be sufficiently reinforced.

Step 1. Installing the ceiling or wall
   1) Attaching the safety wire
      (The type of safety wire (accessories) through the wall mounting hole in the safety wire lug (accessories).

Step 2. Installing the camera
   1) Mounting the camera
      (Use the adapter box/ mount) (Recommended tightening torque: 0.35 Nm (4.65 ft-lb))

   2) Connecting the safety ground wire
      (Use a M5 brass wire with a diameter of 1.7 mm (5/64 inches) to 10 mm (3/8 inches) and a spring wire)

   3) Confirm the installation
      (Confirm that the installation has been successfully completed.)

   4) Plugging the power cord
      (1) Before plugging in the camera, turn off the power switch of the power supply)

   5) Checking the installation
      (Check whether there is any interference)
Step2 Making connections

1. Connect an Ethernet cable (category 5e or better, straight) to RJ45 (female) network connector.
   - The maximum cable length is 100 m (328 feet).

2. Connect the RJ45 waterproof connector cover to the RJ45 waterproof jack and then insert the RJ45 waterproof connector cover until the “Mark” marks align.
   - Connect the RJ45 waterproof connector cover to the RJ45 waterproof jack and then insert the RJ45 waterproof connector cover until the “Mark” marks align.

3. Insert the provided CD-ROM into the computer to acquire the latest version of the Operating Instructions.
4. When using the CD-ROM, use the appropriate software to acquire the latest features for the corresponding model.

Step3 Mount the camera

1. Use the 2 upper screws (M5 locally procured) to secure the camera.
   - Mount the camera to a junction box.
   - As shown in the illustration to the lower right, install the camera to a junction box using 4 fixing screws (M4 with a washer with a diameter of 1.5 to 1.8 inches) and a spring and washers locally procured, using the notes in step 2 of the camera mount bracket.

2. Loose the PAN lock screw about 1 turn until the camera faces upward and use the 2 lower screws (M5 locally procured) to secure the camera.
   - Mount the camera to the ceiling or wall.
   - Using the mounting bracket fixing screws (M5 x 20 mm {13/16 inches}: accessory), install the camera mount bracket cover (accessory) with the enclosure facing downward.

3. Using the camera mount bracket fixing screws (M5 x 4 mm {5/32 inches}): accessory, install the camera mount bracket cover (accessory) at the enclosure facing downward.
   - Recommended tightening torque: 0.59 N·m {0.44 lb ft}
   - When using cables on the side, use a ripper to cut off a cable on the side hole of the camera mount bracket cover, and then pass the cable through.

Step4 Configure the network settings

1. Insert the provided CD-ROM into the CD-ROM drive of your PC.
   - When the administrator registration window is displayed, enter “User name” and “Password” and type your personal information in the “User name” and “Password” fields. Complete the network setup.
   - Please keep your user name and password in a safe place free from public view to ensure security. After completing the registration, the camera will automatically connect to the network.

2. Click the [Run] button next to [IP Setting Software].
   - The MAC Address / IP address of the detected camera will be displayed. (Note: This may take time for images to be displayed. It may be faster to import “Set up” files from “Set up” files and then import image data.)

3. Select the camera you want to configure, [Select Network] (M3), and [Connect Network] (M4).
   - When the MAC Address / IP address of the detected camera is displayed, you can configure the network.

4. When the registration window is displayed, set up “User name,” “Password,” and “IP type” by following the instructions on the screen.
   - Please keep your user name and password in a safe place free from public view to ensure security. After completing the registration, the camera will automatically connect to the network.

Step5 Configure the network settings

1. Insert the provided CD-ROM into the CD-ROM drive of your PC.
   - The License Agreement will be displayed. Read the Agreement and choose “Accept the terms” in the “License agreement,” and the software will be installed.

2. Click the [Run] button next to [IP Setting Software].
   - The MAC Address / IP address of the detected camera will be displayed.

3. Select the camera you want to configure, and [Connect Network] (M3), and [Select Camera] (M4).
   - When the MAC Address / IP address of the detected camera is displayed, you can configure the network.

4. When the registration window is displayed, enter “User name,” “Password,” and “IP type” by following the instructions on the screen.
   - Please keep your user name and password in a safe place free from public view to ensure security. After completing the registration, the camera will automatically connect to the network.

5. When live images from the camera are displayed, the network connection is complete.
   - For more information on the connection process, refer to the Operating Instructions.

6. Select the camera you want to configure, and [Connect Network] (M3), and [Select Camera] (M4).
   - When the MAC Address / IP address of the detected camera is displayed, you can configure the network.

Note:
- For more information on the connection process, refer to the Operating Instructions.
- To use the “Set up” feature, please select “Set up” files from the “Set up” files.
- Recommended tightening torque: 0.59 N·m {0.44 lb ft}