

Panasonic

Installation/Troubleshooting

Network Camera

Model No. **BL-C30A**

How to Use This Documentation

The camera includes the following 3 manual types.

- **Installation/Troubleshooting (This manual)**

This manual has important information you will need to understand before installing the camera and troubleshooting tips.

- **Getting Started**

Getting Started provides explanations for the initial configuration and accessories included with the camera. The Getting Started helps you to easily configure the camera.

- **Operating Instructions (Included on the Setup CD-ROM)**

Operating Instructions explains about operations, settings, features and the cleaning method when using the camera.



Please read this manual before using and save this manual for future reference.

Panasonic Network Camera Website: <http://www.panasonic.com/netcam/> for customers in the USA or Puerto Rico

Abbreviations

- UPnP™ is the abbreviation for Universal Plug and Play.
- "Network Camera" is called "Camera" in this Installation/Troubleshooting.

Trademarks

- Ethernet is either a registered trademark or a trademark of Xerox Corporation in the United States and/or other countries.
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1 Before Using

1.1 IMPORTANT SAFETY INSTRUCTIONS

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. After taking away the dust on the lens, wipe the lens with a cotton bud.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
7. Protect the AC adaptor cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the unit.
8. When you operate the camera, the power outlet should be near the camera and easily accessible.
9. Do not touch the unit or the AC adaptor during lightning storms.
10. Unplug the unit when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as the AC adaptor cord or plug is damaged, the unit does not operate normally, or has been dropped.
12. The camera is intended for indoor use only. Prolonged exposure to direct sunlight or halogen light may damage CMOS sensor.

SAVE THESE INSTRUCTIONS

Network Camera Memo

Attach your purchase receipt here.

For your future reference

Date of purchase _____

Serial Number _____
(Found on the rear side of the main unit)

MAC Address _____
(Found on the rear side of the main unit)

Name and address of dealer _____

1.1.1 FCC and Other Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Some wireless Cameras operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the wireless Camera should not be placed near or on top of a TV or VCR. If interference is experienced, move the wireless Camera further away from the TV or VCR. This will often reduce or eliminate interference. Operating near 2.4 GHz electrical appliances may cause interference. Move away from the electrical appliances.

Environment:

Do not install the camera where the temperature is less than 5 °C (+41 °F) or greater than +40 °C (+104 °F). Allow 10 cm (4 inches) clearance around the unit for proper ventilation. Avoid excessive smoke, dust, mechanical vibration, shock, or direct sunlight.

Routine care:

Wipe the unit with a soft cloth. Do not use benzene, thinner, or any abrasive powder. When you leave the unit unused for a long period of time, unplug the AC adaptor from the outlet.

If you have any problems:

Consult an authorized Panasonic Factory Service Center.

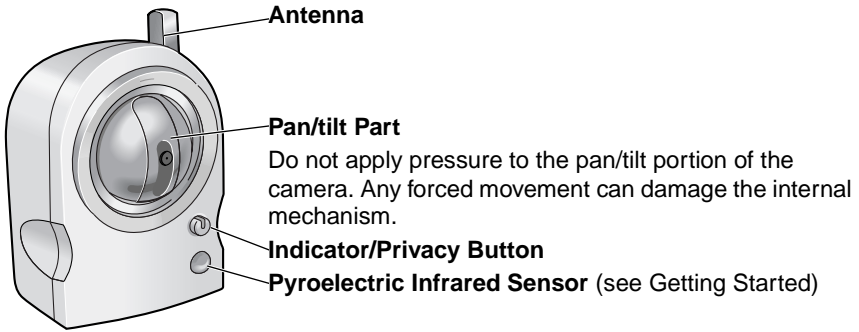
Caution

- To comply with FCC RF exposure requirements in uncontrolled environment:
 - This equipment must be installed and operated in accordance with provided instructions and a minimum 20 cm (8inches) spacing must be provided between antenna and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.
 - This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- **Medical**
Consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The unit operates in the frequency range of 2400 MHz to 2483.5 MHz, and the power output level is 0.1 watts.) Do not use the unit in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF (radio frequency) energy.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

No responsibility will be taken by our company with respect to consequences resulting from the use, damage or both of the camera.

1.2 Camera Feature Locations

1.2.1 Front View



Privacy Button

To temporarily deactivate the camera, press the privacy button. Once pressed, the button changes from green to red. The video will be temporarily turned off, camera features become unresponsive and the viewed image turns to a gray screen. To return to normal operation, press the privacy button again. It should turn green within a few seconds. To restore video, click [Refresh] on the web browser. Privacy mode can also be controlled from mobile phones or PCs (see page or page of the Operating Instructions in the Setup CD-ROM).

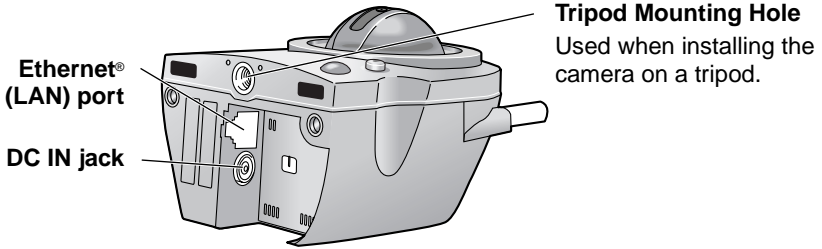
Indicator Display

Power on	Not on the LAN	Orange → Orange blinking
	On the LAN	Orange → Orange and green blinking → Green
Normal Operation* ¹		Green
Automatic Setup	Setting	Green blinking
	Finished setting	Green
Using DHCP	Getting IP address* ²	Green blinking
	Got IP address	Green
Updating Firmware		Orange blinking
Pressing FACTORY DEFAULT RESET button		Orange blinking → Turning off (The camera restarts after that.)
UPnP Failure		Orange blinking (About a 2-second interval)
In Privacy Mode		Red
Internal Failure		Red blinking

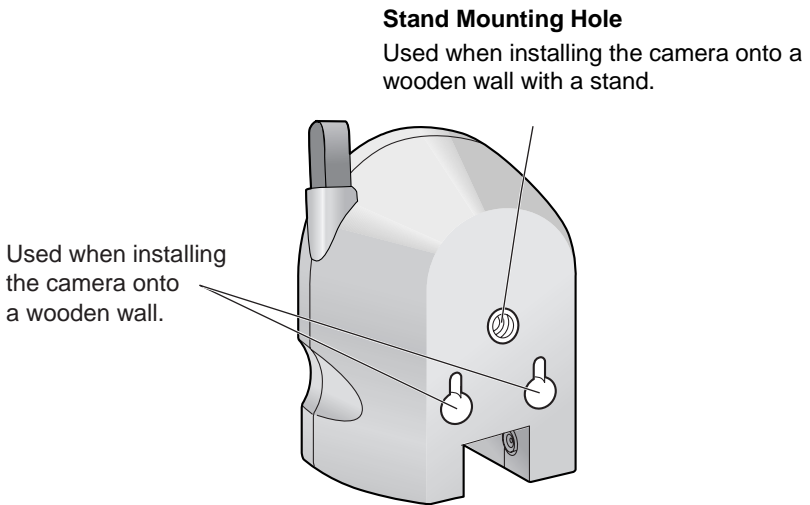
*¹ The indicator turns orange if the camera is not connected to the LAN.

*² The indicator blinks orange if the camera is not connected to the LAN.

1.2.2 Bottom View



1.2.3 Rear View



Note

If the ceiling is made of wood, the camera can be installed on the ceiling. See Panasonic Network Camera support website at <http://panasonic.co.jp/pcc/products/en/netwcam/> for details.

Memo

For product service

- Panasonic Servicers are listed in the servicer directory.
- Call 1-800-272-7033 for the location of an authorized servicer.
- After the limited warranty, please contact our Continued Services Technical Support Line at 1-900-555-PANA (1-900-555-7262). If you have difficulty reaching this number, it may be blocked by your phone company. Please contact your local phone company to correct this.
- This Network Camera is designed for use in the United States of America. Sale or use of this product in other countries/areas may violate local laws.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.

Symptom _____

- Send the unit to an authorized servicer, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.

Operating Instructions are subject to change without notice.

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America

One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc.

Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park
Carolina, Puerto Rico 00985

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