## Panasonic

## Installation Guide

Included Installation Instructions

### **Network Camera**

# Model No. WV-X6531NS (Heavy salt damage resistance)



- · Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use
- Before reading this manual, be sure to read the Important Information(included in the CD-ROM). For information about how to perform the settings and how to operate the camera, refer to the
- Operating Instructions on the provided CD-ROM.
- The model number is abbreviated in some descriptions in this manual.

### For U.S. and Canada:

Panasonic i-PRO Sensing Solutions Corporation of America 800 Gessner Rd. Suite 700 Houston, TX 77024 https://www.security.us.panasonic.com/

Panasonic Canada Inc. 5770 Ambler Drive, Mississauga, Ontario, L4W 2T3 Canada Authorised Representative in EU: 1-877-495-0580

Panasonic i-PRO Sensing Solutions Co., Ltd. Fukuoka, Japan

For Europe and other countries:

Panasonic Corporation

http://www.panasonic.com



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## Important safety instructions

1) Read these instructions

https://www.panasonic.com/ca/

- Keep these instructions
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. 6) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 7) Only use attachments/accessories specified by the manufacturer.
- 8) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 9) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 10) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## Troubleshooting

Before requesting service, refer to the Important Information (included in the CD-ROM) and "Troubleshooting" in the Operating Instructions (included in the CD-ROM) and confirm the trouble

### **Open Source Software**

- This product contains open source software licensed under GPL (GNU General Public License), LGPL (GNU Lesser General Public License), etc.
- Customers can duplicate, distribute and modify the source code of the software under license of GPL and/ or LGPL.
- Refer to the "readme.txt" file on the provided CD-ROM for further information about open source software licenses and the source code.
- Please note that Panasonic shall not respond to any inquiries regarding the contents of the source code.

### WARNING:

- · To prevent injury, this apparatus must be securely attached to the wall/ceiling in accordance with the installation instructions
- All work related to the installation of this product should be made by qualified service personnel
- or system installers. The installation shall be carried out in accor-
- dance with all applicable installation rules. • The connections should comply with local elec-
- trical code. • This equipment is compliant with Class A of CISPR 32. In a residential environment this
- equipment may cause radio interference. Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as

### sunlight, fire or the like. CAUTION:

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate
- the equipment. The network camera is only intended for a connection to an ethernet or PoE+ network without routing to the outside plant.

For Canada CAN ICES-3(A)/NMB-3(A)

### : Direct current symbol

 $\sim$  : Alternating current symbol

### **Disposal of Old Equipment and Batteries**

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation

### Note for the battery symbol (bottom symbol)

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

## About the user manuals

- Product documentation is composed of the following documents. · Installation Guide (this document): Explains installation, mounting, cable connections, and network con-
- nections. • Important Information (included in the CD-ROM): Provides basic information about the product. Operating Instructions (included in the CD-ROM): Explains how to perform the settings and how to operate
- this camera.

Adobe® Reader® is required to read these operating instructions on the provided CD-ROM. When the Adobe Reader is not installed on the PC, download the latest Adobe Reader from the Adobe web site

and install it. The external appearance and other parts shown in this manual may differ from the actual product within the scope that will not interfere with normal use due to improvement of the product

### Standard accessories

1		
	Installation Guide (this document)	
	Warranty card*1 1 pc. *1 This product comes with several types of warranties. Each warranty is only applicable to the products pur-	

chased in the regions indicated on the relevant warranty. \*2 The CD-ROM contains the operating instructions and different kinds of tool software programs.

\*3 This label may be required for network management. Use caution not to lose this label

### The following parts are used during installation procedures.

Cable cover1 pc.	8P alarm cable 1 pc.
Front/rear sunshields1 set	24 V AC power supply connector kit1 set
Front/rear sunshields fixing screw	(Power supply connector housing: 1 pc., Contact: 3 pcs.)
	Hexagon screw (M5)*45 pcs.
Waterproof tape 1 pc.	(of them, 1 for spare)
RJ45 waterproof connector cover 1 pc.	Rain wash coating caution label1 pc.
RJ45 waterproof connector cap 1 pc.	

\*4 The screws are necessary when installing the camera on a separately sold mount bracket.



NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is

For U.S.A.

likely to cause harmful interference in which case the user will be required to correct the interference at his own expense

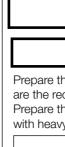
FCC Caution: To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

The model number and serial number of this product may be found on the surface of the unit. You should note the model number and serial number of this unit in the space provided and retain this book as a permanent record of your purchase to aid identification in the event of theft.

Model No.	
Serial No.	

Step1

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	C
*	W
	С
$\bigcirc$	Δ



\*2

# Only for European Union and countries with recycling systems

Sí XC

Panasonic Marketing Europe GmbH Winsbergring 15, 22525 Hamburg, Germany

## Preparations

RJ45 (female

SD memory

card slot

Network

Cable case

Alarm input/

Audio input/

output cable

Main sunshield

SD memory

card (with

label side

Water-resistant cap

facing down

rear cover

output

### Other items that are needed (not included)

Prepare the required parts for each installation method before starting the installation. The following are the requirements for the various installation methods. Prepare the foundation of the installation site, installation support, and any other installation setting

with heavy salt damage resistance treatment.

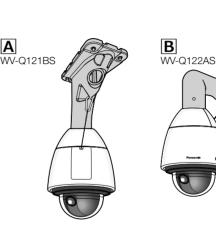
Installation method	Mounting screw	Minimum pull-out strength*1
A When hanging the camera from ceiling Use the ceiling mount bracket (WV-Q121BS <sup>2</sup> ).	M10 screws/ 4pcs.	1411 N {317 lbf}
<b>B</b> When installing the camera on a wall Use the wall mount bracket (WV-Q122AS <sup>2</sup> ).	M10 screws/ 4pcs.	823 N {185 lbf}

The minimum pull-out strength is the value per screw.

For details on procedure for attaching mount bracket and camera, read the operating instructions of each mount bracket.

### IMPORTANT:

• Prepare four mounting screws (M10) to be mounted on ceiling and wall separately. Select screws according to the material of the location that the camera will be mounted to. In this case, wood screws and nails should not be used. Please consider using anti-corrosive mounting screws or caulking. If the mounting location such as plaster board is too weak to support the total weight, the area shall be sufficiently reinforced.



### Preparations before installation

- [1] Prepare the cables from camera side. When the only necessary connection to
- camera is an Ethernet cable Use only RJ45 network cable coming from camera. cable

Do not remove the cable case. Use it as it is. When using 24 V AC, EXT I/O device, or

## audio I/O device

Remove the cable case fixed by five screws on the upper part of camera and pull out power cable, audio I/O cable, and alarm I/O cable stored in it.

### Note:

• Do not use the removed cable case and five screws.

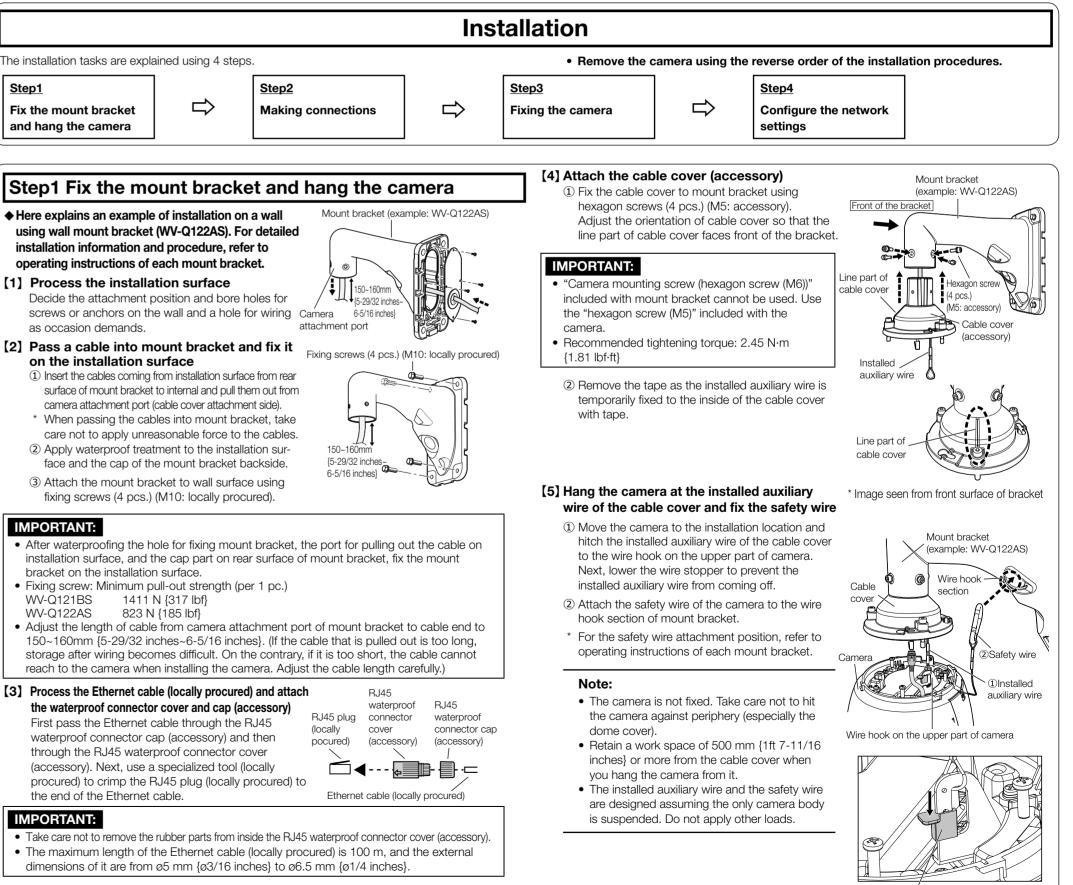
### [2] Insert an SD memory card (locally

procured) as occasion demands. \* SDXC/SDHC/SD memory card is described as SD memory card.

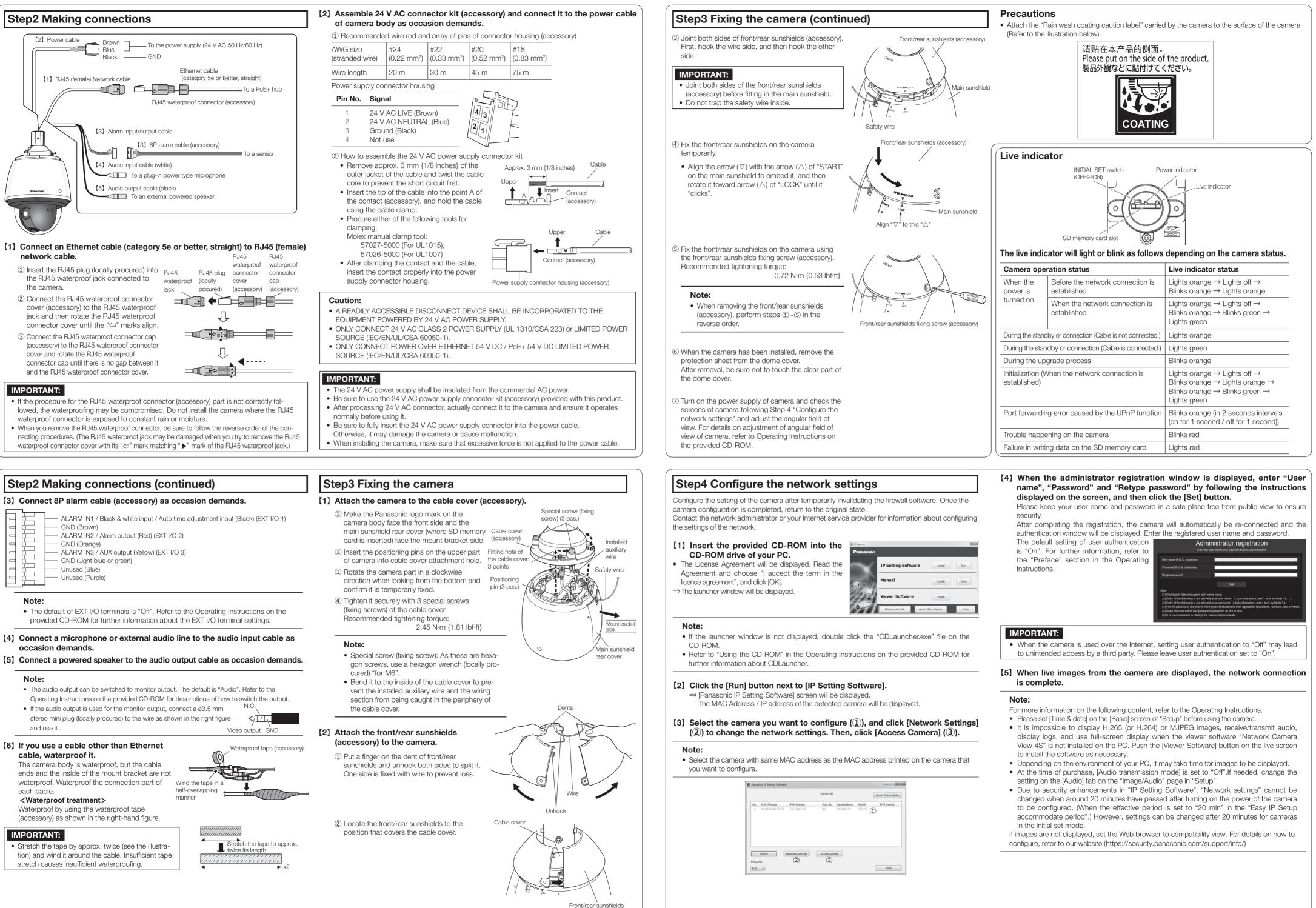
Insert an SD memory card following the procedure shown below. For the detailed procedure, refer to Important Information on the provided CD-ROM.

- ① Remove the main sunshield rear cover. Loosen two locking screws of water-resistant cap and pull the water-resistant cap and toward you.
- ③ Insert an SD memory card into the SD memory card slot.
- (4) Attach water-resistant cap and sunshield rear cover to the original position in order. Recommended tightening torque of the waterresistant cap locking screws:

0.69 N·m {0.51 lbf·ft}



Wire stoppe



(accessory)

			Carnera list			About this program
¥0.	MAC Address	IPv4 Address	Port No.	Carnera Name	Model	IPv4 overlap
	0.0110.713	100.008-0.00	-	89-38025	1	
	Search I	Network Settings	Access Cam	era		