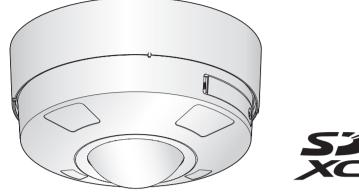
# 

## Installation Guide

Included Installation Instructions

## Network Camera

## Model No. WV-X4571L / WV-X4571LM WV-S4550L / WV-S4550LM



#### WV-S4550L

- Before attempting to connect or operate this product, please read these instructions carefully and
- save this manual for future use
- For information about the basic description of this product, refer to the Important Information on the provided 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:

i-PRO Americas Inc. https://www.i-pro.com/

i-PRO Co., Ltd. Fukuoka, Japan https://www.i-pro.com/ i-PRO EMEA B.V. UK Branch 1010 Cambourne Business Park. Cambridgeshire CB23 6DP

For Europe and other countries:

Authorised Representative in EU i-PRO EMEA B.V. Laarderhoogtweg 25, 1101 EB Amsterdam, Netherlands

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## Important safety instructions

- 1) Read these instructions.
- 2) Keep these instructions
- 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 we 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.
- 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.

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

#### : Direct current symbol

#### **Disposal of Old Equipment and Batteries** Only for European Union and countries with recycling systems

For Canada



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.

equipment.

theft.

Model No.

Serial No

munications.

ence at his own expense

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

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 environ-

ment. This equipment generates, uses, and can

radiate radio frequency energy and, if not installed

and used in accordance with the instruction man-

ual, may cause harmful interference to radio com-

Operation of this equipment in a residential area is likely to cause harmful interference in which case

the user will be required to correct the interfer-

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

For U.S.A.

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 notations

#### The following notations are used when describing the functions limited for specified models. The functions without the notations are supported by all models.

- :The functions with this notation are available when using the model WV-X4571L.
- :The functions with this notation are available when using the model WV-X4571LM.
- S4550L: The functions with this notation are available when using the model WV-S4550L.
- S4550LM : The functions with this notation are available when using the model WV-S4550LM.

### About the user manuals

Product documentation is composed of the following documents.

- Installation Guide (this document): Explains installation, mounting, cable connections, and adjusting the field of view. This manual uses the WV-S4550L as an example in the explanations.
- 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

Installation Guide (this document)1 set	CD-ROM*1
IMPORTANT SAFETY INSTRUCTIONS 1 pc.	Code label*2

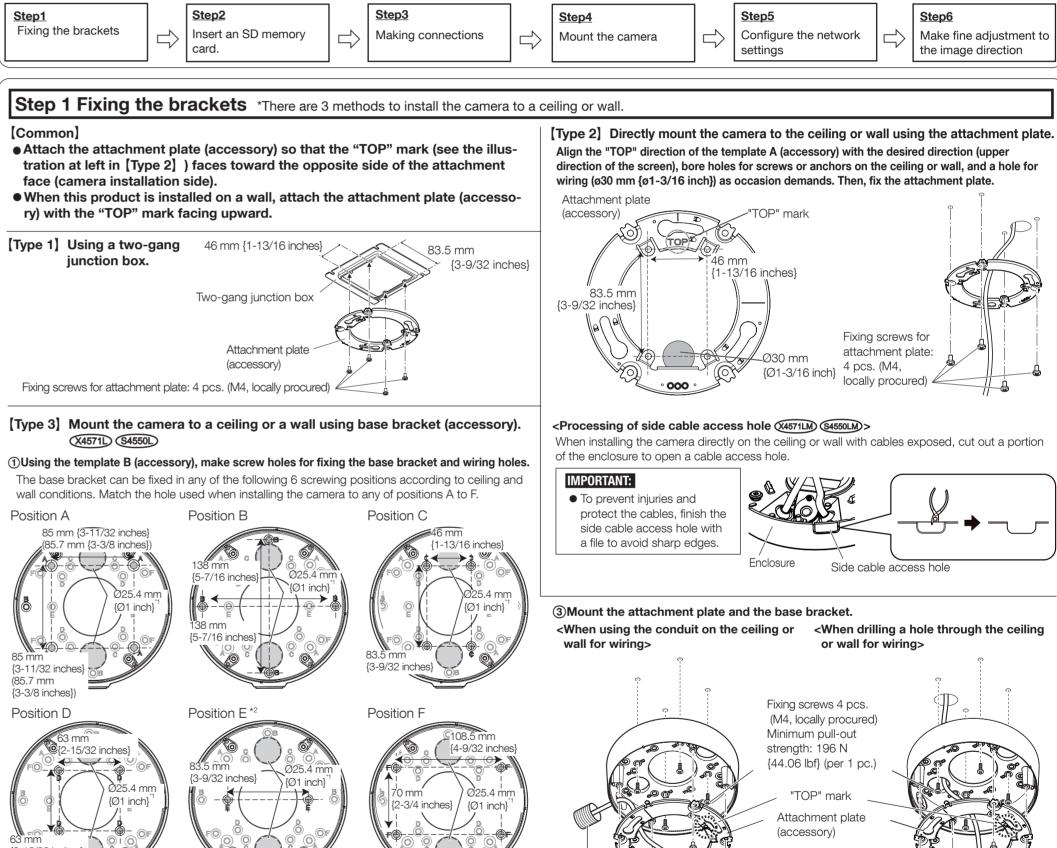
\*1 The CD-ROM contains the operating instructions and different kinds of tool software programs. \*2 This label may be required for network management. Use caution not to lose this label.

The following parts are used during installation procedures.

Base bracket (1971) (34550)  1 pc.    Attachment plate  1 pc.    ixing screws for attachment plate  1 pc.    M4 × 8 mm {5/16 inches}) (34571) (34550) 5 pcs.    (of them, 1 for spare)	Bit (Hex wrench, screw size 6.35 mm {1/4 inches} T20) 4P alarm cable 2P power cable	1 pc.
emplate A (for the attachment plate)1 sheet emplate B (for the base bracket)	Waterproof tape	Bit
X4571    \$4550    1 sheet      Vaterproof tape    1 pc.      XJ45 waterproof connector cover    1 pc.      X4571    \$4550    1 pc.      XJ45 waterproof connector cap    1 pc.      X4571    \$4550    1 pc.      X4571    \$4550    1 pc.      X4571    \$4550    1 pc.		

Prepare th
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areas

The installation tasks are explained using 6 steps. Step1



{2-15/32 inches}

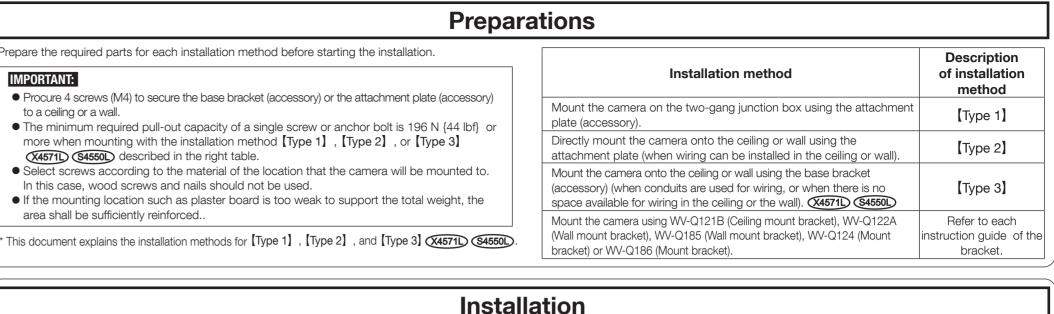
. 1 pc.

1 pc

*1	The	W
	(acc	e







wiring hole diameter is 25.4 mm {1 inch}. Select any of the two wiring holes of template B essory) when installing the base bracket.

\*2 When attaching the base bracket to a one-gang junction box in Position E, secure the base bracket with 2 screws (M4, locally procured).

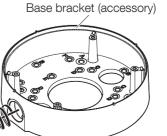
#### 2 When using the conduit on the ceiling or wall for wiring, remove the cap for the female thread for the conduit by using a hexagon wrench (ISO 2936. width across flats S=5 mm {3/16 inches}).

The female thread for conduit is compliant with ANSI NPSM (parallel pipe

threads) 3/4 or ISO 228-1 (parallel pipe threads) G3/4.



**IMPORTANT:** • If open wiring is conducted, be sure to use conduits and run the cables inside the tubes



through the conduits having been joined.

to protect the cables from direct sunlight.

Condui

## Note:

• Make sure to attach the attachment plate (accessory) so that the "TOP" mark faces in the opposite direction of the cap for the female thread for the conduit.

• Installation work shall be such that there is no exposure to water into the architecture

Fixing screws for attachment

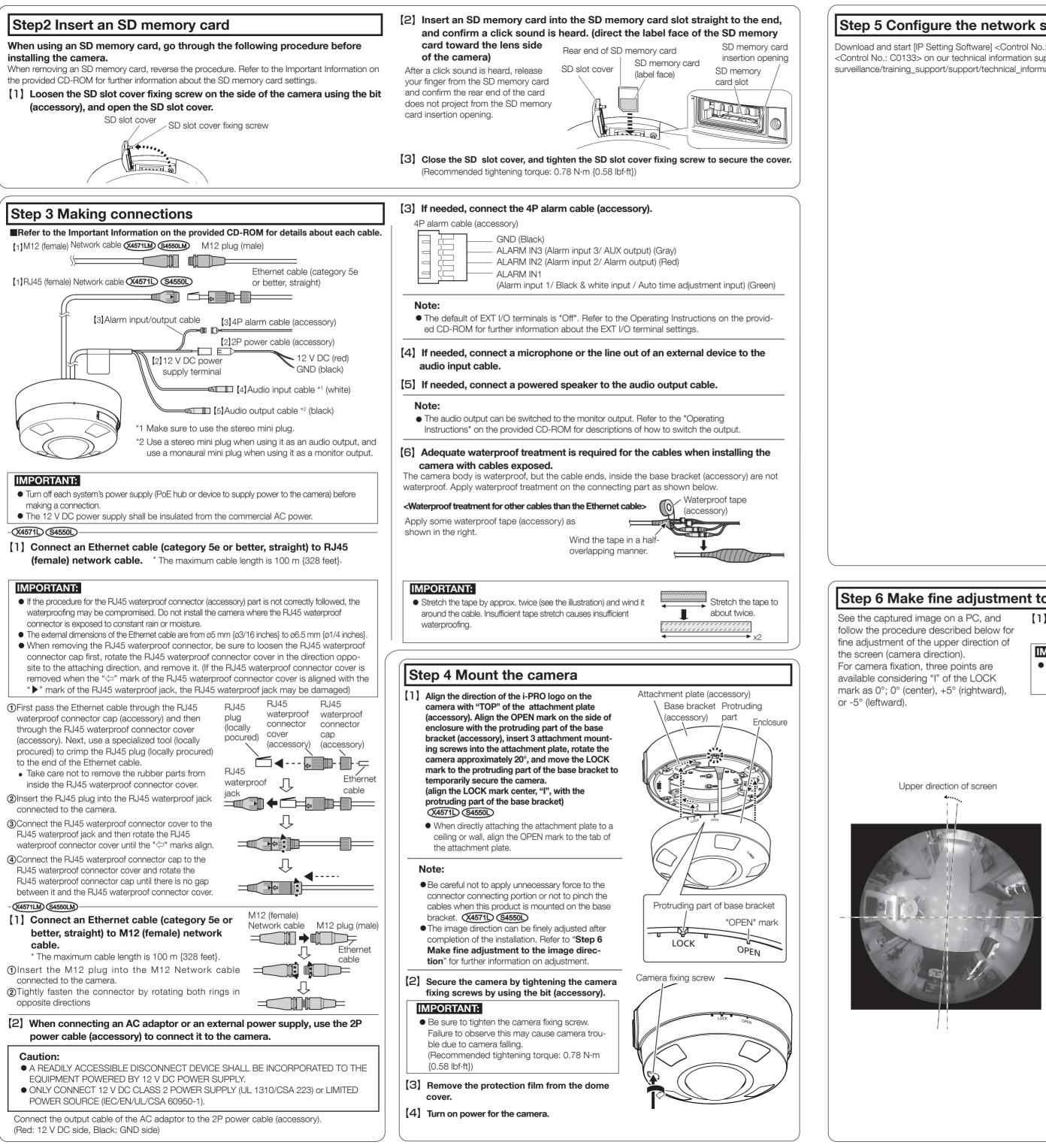
plate: 4 pcs. (accessory)

(Recommended tightening

torque: 0.78 N·m {0.58 lbf·ft})

Remove the camera using the reverse order of the installation procedures.

• The direction of "TOP" on the attachment plate (accessory) determines the upwards direction of the image on the PC monitor. Determine the direction that you want images to be displayed upwards on the PC monitor, and then align the direction of the base bracket (accessory).



## Step 5 Configure the network settings

Download and start [IP Setting Software] <Control No.: C0123> or [i-PRO Configuration Tool (iCT)] <Control No.: C0133> on our technical information support site (https://i-pro.com/global/en/ surveillance/training\_support/support/technical\_information), and connect to the network.

## Step 6 Make fine adjustment to the image direction

[1] Loosen the camera fixing screw using the bit (accessory).

IMPORTANT:

• Loosening the camera fixing screw allows the camera to be in the temporary fixed state.

#### [2] Move the LOCK position of the camera clockwise or counterclockwise to finely adjust the image direction while seeing the captured image on a PC.

#### IMPORTANT:

 Turning the camera counterclockwise too much removes the camera from the attachment plate. Be careful not to do SO.

[3] Secure the camera by tightening the camera fixing screw.

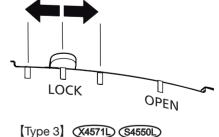
#### **IMPORTANT:**

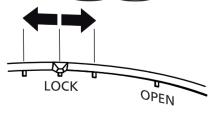
Camera fixing screw

• Be sure to tighten the camera fixing screw. Failure to observe this may cause camera trouble due to camera falling. (Recommended tightening torque: 0.78 N·m {0.58 lbf·ft})



[Type 1] [Type 2]





#### Note:

• When night shooting is performed using an IR LED, be aware that reflected light may be seen in captured images if the ceiling is close to the camera installed on the wall or the wall is close to the camera installed on the ceiling. In such a case, keep 3 meters or more of the distance between the fixation position of the camera and ceiling or wall. Additional information on omnidirectional shooting using an IR LED is available at the Website below

https://i-pro.com/global/en/surveillance/training\_support/support/technical\_information