# *HirPRO*

# Installation Guide

**Included Installation Instructions** 

# **Network Camera**



- 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 this product, refer to the Operating Instructions on the following our support website https://i-pro.com/global/en/surveillance/documentation\_database
- Before reading this manual, be sure to read the Important Information.

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

For Europe and other countries:

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Ns1218-3042 PGQX2273WA Printed in China

CA

# Important safety instructions

- 1) Read these instructions
- Keep these instructions
- 3) Heed all warnings.
- Follow all instructions
- 5) Do not use this apparatus near water. S3131 S3111
- 6) Clean only with dry cloth. **S3131 S3111**
- 7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 8) Only use attachments/accessories specified by the manufacturer.
- 9) 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.



- 10) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 11) 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 "Troubleshooting" of Important Information in the CD-ROM and Operating Instructions on our support website. Then, 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.
- To prevent fire or electric shock hazard, do not expose this apparatus to rain or moisture.
- S3131 S3111
- ne apparatus should not be exposed to dripping or splashing. S3131 S3111
- 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 accordance with all applicable installation rules.
- The connections should comply with local electrical code.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunlight fire or the like

For Canada

# CAUTION:

 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)

For U.S.A. 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 num ber 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.

## \_\_\_\_ : Direct current symbol

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

These symbols on the products, packaging, and/or accompanying documents mean that used

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 authority.

electrical and electronic products and batteries must not be mixed with general household waste.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national leaislation

# 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.
S3531 : The functions with this notation are available when using the model WV-S3531L.
<b>S3511</b> : The functions with this notation are available when using the model WV-S3511L.
\$3131 : The functions with this notation are available when using the model WV-S3131L.
S3111 : The functions with this notation are available when using the model WV-S3111L.

- (\$3532) :The functions with this notation are available when using the model WV-S3532LM. (\$3512) : The functions with this notation are available when using the model WV-S3512LM.
- \* XXXXXX : Outdoor model XXXXXX : Indoor model

# 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.
- Important Information (included in the CD-ROM): Provides basic information about this product such as Precautions for installation. Parts and functions, etc.
- · Operating Instructions (on our support website): Explains how to perform the settings and how to operate this product.

# Note:

• 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. • "<Control No.: C\*\*\*\*>" used in this document should be used to search for information on our support website and will guide you to the right information.

# Standard accessories

Installation Guide (this document)1 pc. IMPORTANT SAFETY INSTRUCTIONS1 pc.	

\*1 The CD-ROM contains the several kind of 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.

# Bit (Hex wrench.

S3531 S3511

RJ45 waterproof connector cover ......1 pc. ing. RJ45 waterproof connector cap ......1 pc.

S3532 S3512 .1 pc Cable quard. .1 pc.

\*Lens adjuster is used only at the time of servic-

Bit 

For U.S.A.

**L** 

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

against harmful interference when the equipment is

operated in a commercial environment. This equip-

accordance with the instruction manual, may cause

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 interference

ment generates, uses, and can radiate radio fre-

quency energy and, if not installed and used in

harmful interference to radio communications.

FCC CAUTION: Changes or modifications not

expressly approved by the party responsible for

compliance could void the user's authority to oper

This device complies with Part15 of the FCC Rules.

Operation is subject to the following two conditions

This device may not cause harmful interference,

and (2) this device must accept any interference received, including interference that may cause

WV-S3131L. WV-S3111L

WV-S3532LM, WV-S3512LM

Supplier's Declaration of conformity

Model No. : WV-S3531L, WV-S3511L

8550 Fallbrook Drive, Suite 200 Houston.

Support Contact : 1-800-513-5417

at his own expense

ate the equipment

undesired operation

Trade name : i-PRO

Responsible Party

Texas 77064

i-PRO Americas Inc.

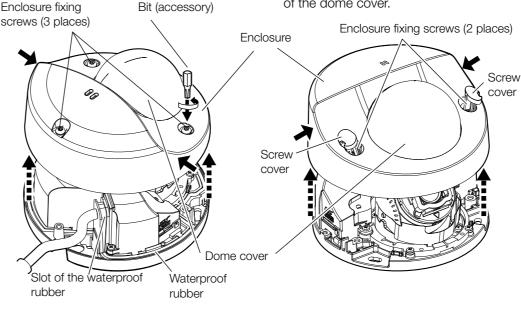
are designed to provide reasonable protection

When inst When metal c



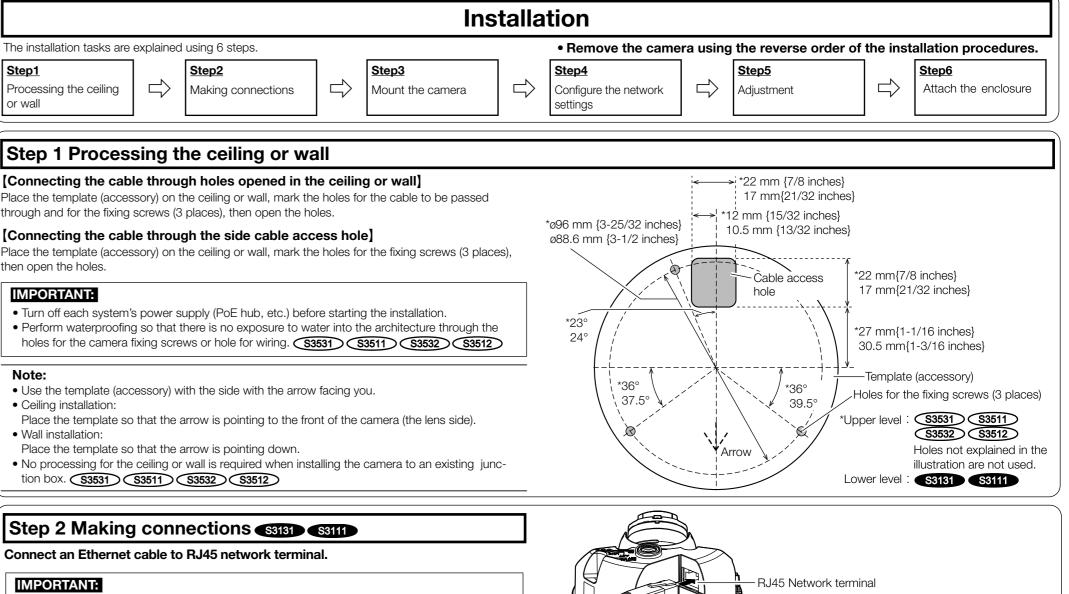
③ Remove the packaging from the inside of the dome cover.

Enclosure fixing

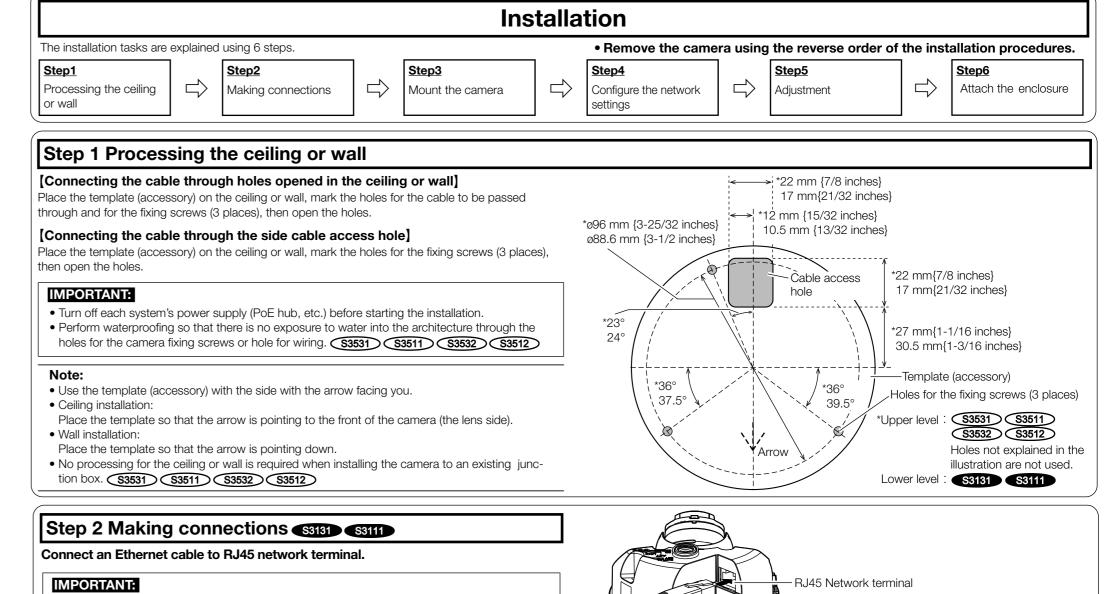


# Note:

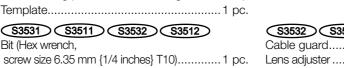
Step1 or wall











# **Preparations**

# Other items that are needed (not included)

The following are methods for installing a camera to a ceiling or wall Prepare the required parts for each installation method before starting the installation. The following are the requirements for the various installation methods.

Installation method	Mounting screws / anchor bolts
When directly installing a camera to a ceiling or wall	M4 / 3 pcs.
When installing to a junction box or other part. <b>\$3531 \$3511 \$3532 \$3512</b> * When installing the junction box cover (locally procured), prepare a locally procured metal cover according to the shape of the junction box.	M4 / 2 pcs.

# Removing the enclosure

- S3531 S3511 S3532 S3512 ① Using the bit (accessory), loosen the enclosure fixing screws (3 places). 2 Hold the both sides of the enclosure and remove it.
- S3131 S3111 (1) Use a flathead screwdriver to open the screw cover (2 places), and then use a Phillips screwdriver to loosen the enclosure fixing screws (2 places)
- (2) Hold down on both sides of the enclosure and remove it.
- 3 Remove the packaging from the inside of the dome cover.

• After the installation is completed, do not remove the cover film from the dome cover until attaching the enclosure.

• Because the cable part and the slot for the waterproof rubber are engaged, it may be difficult to take off the enclosure. \$3531 \$3511 \$3532 \$3512

# IMPORTANT:

- When replacing existing models (WV-SFV130/WV-SFV110/WV-SW155/WV-SW158) and installing to a one-gang junction box, take care because the direction of the camera will change 90° to the side. (\$3531) (\$3511) (\$3532) (\$3512)
- The minimum required pull-out capacity of a single screw or anchor bolt is 196 N {44 lbf} or more.
- 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.
- If the mounting location such as plaster board is too weak to support the total weight, the area shall be sufficiently reinforced.

# Inserting a microSD memory card \*This illustration represents WV-S3131L Follow the steps below to insert the microSD microSD slot memory card if necessary. (1) Insert the microSD memory card into the microSD slot with the side with printing

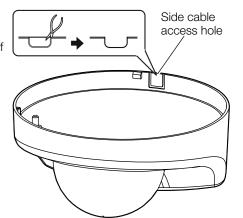
- facing up. (2) Insert the microSD memory card into the end of the microSD slot and confirm that a click-
- ing sound is made. 3 After confirming a clicking sound is made, take your fingers off the microSD memory card and ensure that its back end does not protrude over the surface of the microSD slot (the same surface as the microSD symbol).
- \* For information about inserting and removing microSD memory cards, refer to the Important Information on the provided CD-ROM.

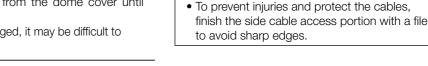
Symbol of microSD memory card (the the microSD side with printing facing up)

Back end of the microSD memory card

# Processing of side cable access hole (\$3131) (\$3111)

When installing the camera directly on the ceiling or wall with cables exposed, cut out a portion of the enclosure to open a cable access hole on the side of the enclosure, and then pass the cables through the side of the enclosure

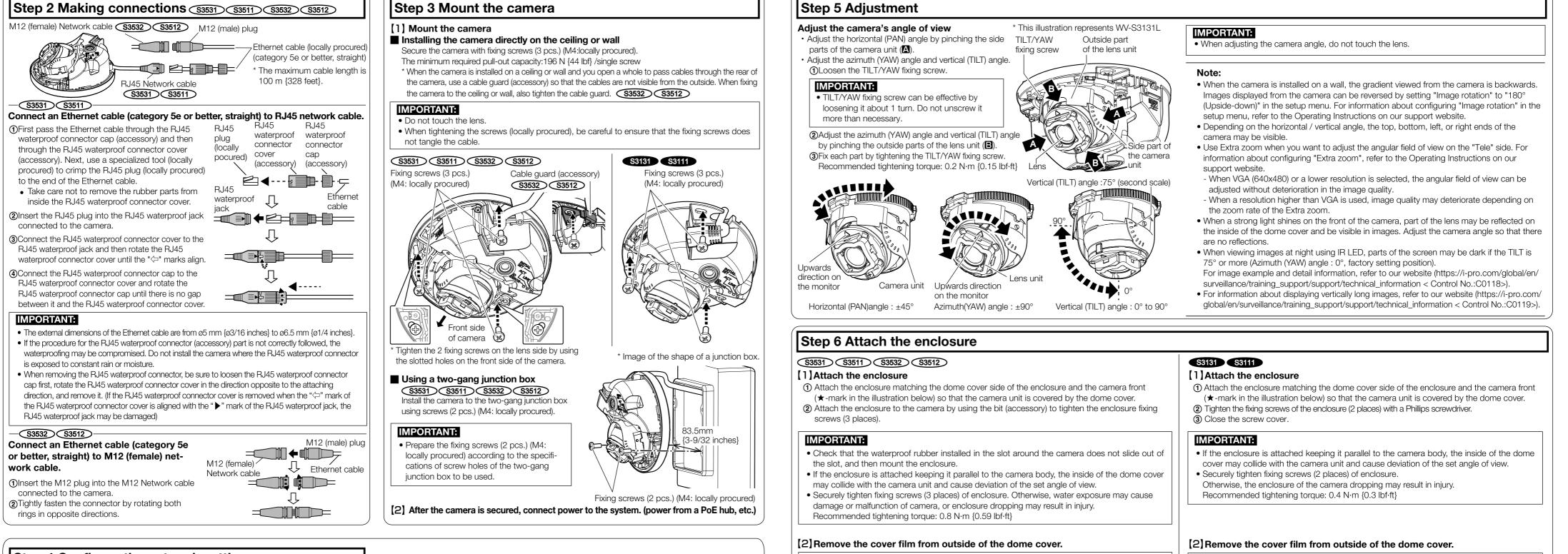




**IMPORTANT:** 

• The maximum cable length is 100 m {328 feet}

Ethernet cable (locally procured) (category 5e or better, straight)



Step 4 Configure the network settings

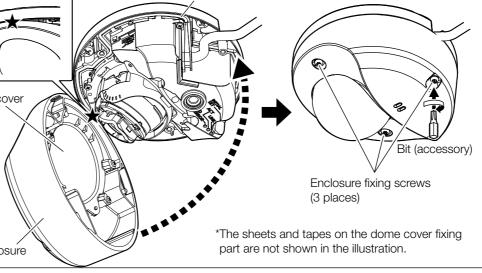
Download and start [IP Setting Software] <Control No.: C0123> or [i-PRO Configuration Tool (iCT)] <Control No.: C0133> on our technical information support site (https://i-pro.com/global/en/ surveillance/training\_support/support/technical\_information), and connect to the network.

Dome cover

Enclosure

# IMPORTANT:

• After removing the cover film, do not touch the dome cover with your hands. Waterproof rubber Seen from the camera



# IMPORTANT:

• After removing the cover film, do not touch the dome cover with your hands.

