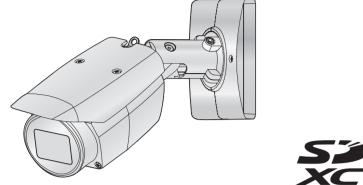


Installation Guide

Included Installation Instructions

Network Camera





WV-S1531LN

- 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:

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. 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

S1531 :The functions with this notation are available when using the model WV-S1531LTN / WV-S1531LN. S1511 :The functions with this notation are available when using the model WV-S1511LN.

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-S1511LN 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 IMPORTANT SAFETY INSTRUCTIONS1 pc.	
····· •·······························	

*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.

Camera mount bracket cover		Wire lug fixing screw with a sp M3 x 10 mm {3/8 inches}	0
(M3 x 6 mm {1/4 inches})			(of them,
(of th	em, 1 for spare)	Safety wire lug	
Waterproof topo	1 no	Adaptor box	

vvalerproor lape I pc.	Adapter box I pc.
RJ45 waterproof connector cover 1 pc.	Mounting screws for adapter box
RJ45 waterproof connector cap 1 pc.	(M5 × 20 mm {13/16 inches})5 pcs.
4P alarm cable 1 pc.	(of them, 1 for spare)
2P power cable 1 pc.	Adapter box mounting screw
Safety wire 1 pc.	(M4 × 35 mm {1- 3/8 inches}) 1 pc.
	Auxiliary handle S1511

Waterproof tape Auxiliary handle



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.

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

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.

(when t Mount th * Only us Mount th box (app (when the

- For U.S.A.

Directly

area shall be sufficiently reinforced.

Step1

wall

1 pc.

. 1 pc.

..2 pcs.

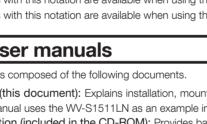
. 1 pc.

.....1 pc.

(of them, 1 for spare)

Note:

Note:





Preparations

Other items that are needed (not included)

Tear off the blue tape attached on camera arm before installing the camera.

Prepare the required parts for each installation method before starting the installation. The following are the requirements for the various installation methods.

Installation method	Recommended screw	Description of installation method
mount the camera onto the ceiling or wall there is a space for wiring in the ceiling or the wall)	M5 screws/ 4pcs.	【Type 1】
the camera to a junction box use metal junction boxes.	M4 screws/ 4pcs.*2	【Type 2】
the camera onto the ceiling or wall using the adapter prox. 510 g {1.13 lbs}) ere is no space for wiring in the ceiling or the wall)	M5 screws/ 4pcs.	[Туре 3]

*1 To mount the camera onto the ceiling or wall, the safety wire (accessory) must be attached. Have an M6 bolt and nut or anchor (with the minimum pull-out strength of 724 N {163 lbf}) ready for securing the safety wire.

*2 Prepare a M4 screw with a washer with a diameter of 7.5 mm {5/16 inches} to 10 mm {3/8 inches} and a spring washer.

IMPORTANT:

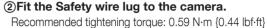
• For the screws or anchor bolts used in the above methods ([Type 1] to [Type 3]), be sure to secure the minimum pull-out strength of 724 N {163 lbf} per screw or bolt. Select screws according to the material of the location that the camera will be mounted to.

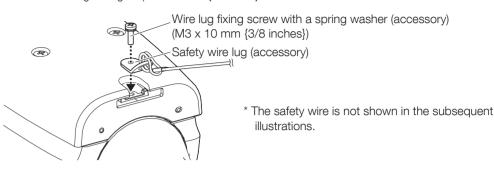
In this case, wood screws and nails should not be used. • If the mounting location such as plaster board is too weak to support the total weight, the

Preparations

[1] Attaching the safety wire. Safetv wire (1) Pass the safety wire (accessory) (accessory) through the wire mounting hole in the safety wire lug (accessory).

Wire fitting Wire mounting hole Safety wire lug (accessory)



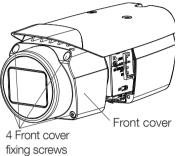


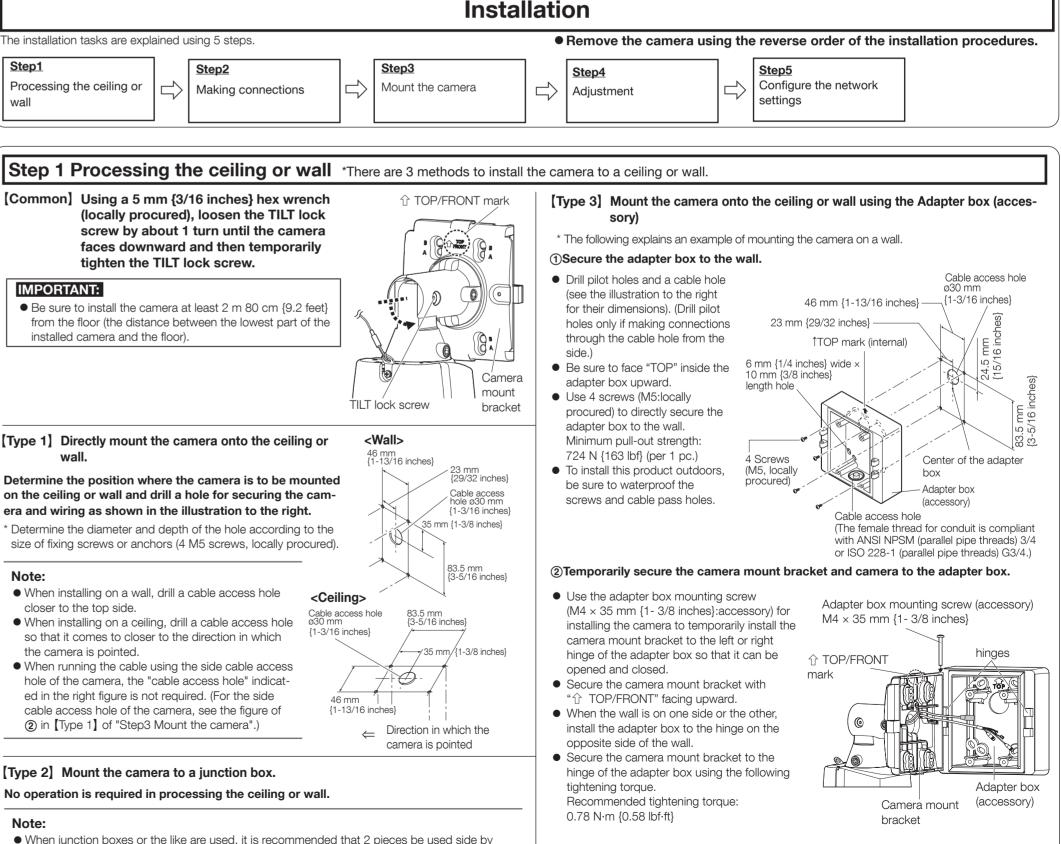
[2] Remove the front cover. Loosen the four front cover fixing screws and

remove the front cover.

IMPORTANT:

 Because the front cover is temporarily removed. when installing or adjusting the camera, make sure no liquid enters the camera at these times.





side. (Securing the camera to one junction box and making connections to the other makes cable connections easy.)

