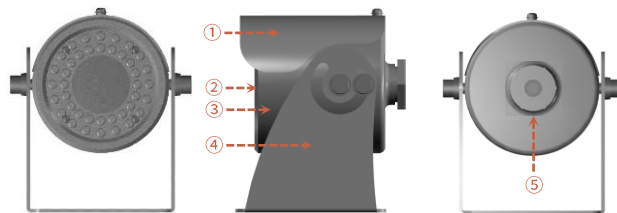


Product division and part names

Please familiarize yourself with the part names of each product as they are important to provide fast and accurate service for problems in each part.

iSTA-B300 Series

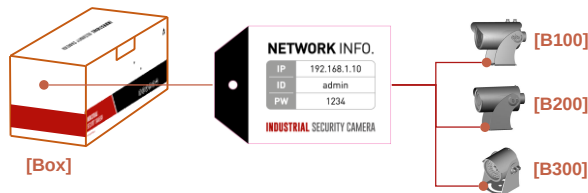


Series name	Model name	Details
iSTA-B300 Series	ISTA-B300S	Fixed(2.58mm) + IP 2M + IRLED
	ISTA-B301S	Fixed(2.58mm) + HD 2M + IRLED

No	Detailed name	No	Detailed name
1	SUN Shield	11	
2	Front Cover	12	
3	Main Body	13	
4	Mount Bracket	14	
5	Cable holding nut	15	
6		16	
7		17	
8		18	
9		19	
10		20	

Checklist before product installation

Check product operation information and appearance status



* On the product label on the product packaging box and on the tag on the sunshield portion of the product
After checking the information necessary for initial operation such as IP address, ID, password, etc. Keep it so you don't lose it.

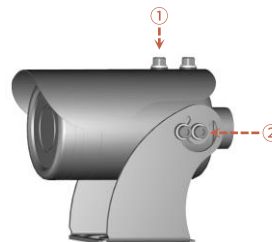
Check the packing box

- When delivering the product, check that the packaging is intact and has not been dropped or torn.
- In the case of returning a broken product, we recommend that you reuse the packaging box provided for transportation. Recommended.
- The box label attached to the product box contains the information shown in the picture above.
- Before discarding the box, back up the information entered on the label to prevent product operation problems. wish.

Safe Disposal of Packaging Materials

- Among packaging materials, PE foam, excluding paper, is subject to separate discharge. Therefore, please separate and dispose according to the separate collection method or regulations.

Check the specifications of the L wrench

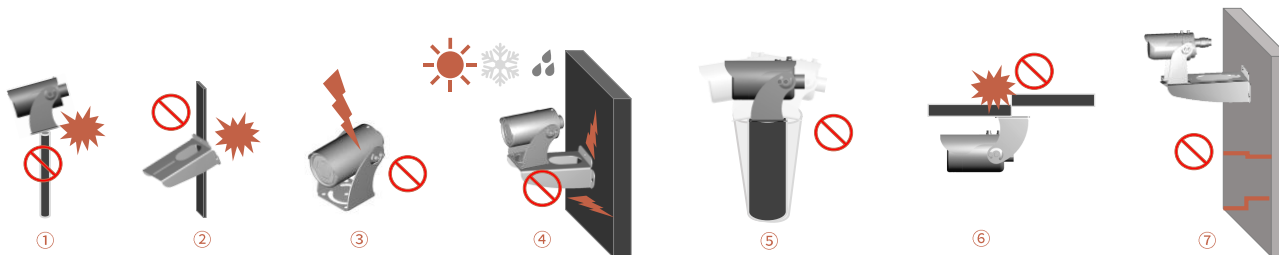


No	L wrench specification	No	L wrench specification
1	M5 (Equipped with sun shield)	11	
2	M5 (Mount bracket)	12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

Select product installation location

When selecting a location to install the product, be sure to install it in a place that does not have any inconsistencies as in the case below.

Things to consider when installing the product



When selecting the initial location to install the product, consider the following.

- ① If the environment in which the product is installed is smaller than the bottom size of the product's mount bracket, there is a risk of the product falling, making it unsuitable for installation.
- ② Check if the mounting part size such as 'wall mount bracket' and H-beam provided by the manufacturer is suitable for installation.
- ③ Check that the environment where the product is installed is not an area where lightning often occurs, and install it in a place where there is no influence of lightning if possible.
- ④ If the environment in which the product is installed receives many external factors such as high temperature, high humidity and low temperature due to direct sunlight, it is recommended to avoid this influence.
- ⑤ If the environment where the product is installed has severe vibration, it may affect the image, so it is recommended to install after attaching a device that can attenuate vibration such as a separate damper.
- ⑥ It is not suitable for installation in an environment where the mount bracket cannot be adhered to due to a step in the area where the product is installed.
- ⑦ If the environment in which the product is installed is poor and the weight of the product (approximately 5Kg) cannot be supported, safety may be a problem, so it is recommended to install it in another safe place.

Product Installation and Precautions

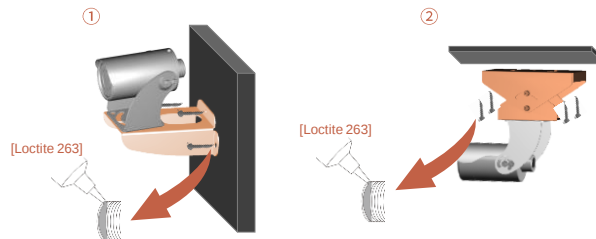
The manufacturer is not responsible for any problems caused by installing a bracket other than the genuine bracket provided by the manufacturer.

Installation using the product's mount bracket



- First, select the installation method from the picture above.
- Place the base bracket where it will be installed and mark the perforation point.
- Insert the knife block provided with the product into the perforation.
- Insert the cross piece provided with the product into the knife block position on the bracket.
- Loosen the bolts on the base bracket slightly to adjust the height and level of the video and finish.
- Equipment for wall perforation is not provided.

Installation using wall mount brackets and ceiling brackets

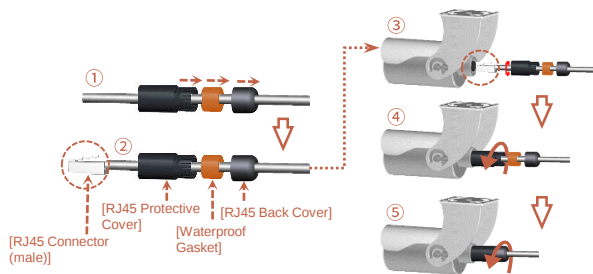


- The wall mount bracket can be fixed on a vertical wall.
- The sealing bracket can be fixed to the ceiling surface.
Attach the bracket to the wall with the supplied set anchors capable of withstanding at least four times the weight of the unit. Please fix.
- Then, fix the device to the bracket using the supplied hex bolt SET.
At this time, check that there are no foreign substances in the thread or fastening hole of the product.
- After applying enough locking compound (Loctite 263) on 3-4 bolts, tighten the bolts. Lock.
- The thread compound should set for one hour, during which time the installation should be completed.
- When tightening the bolts, tighten the torque to 35 Nm.

Product Installation and Precautions

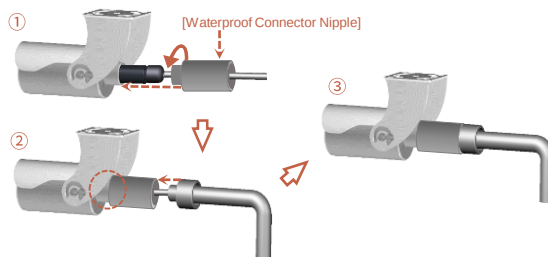
The manufacturer is not responsible for any water damage caused by not installing the waterproof connector.

Install waterproof connector



- Insert the waterproof connector assembly into the LAN cable as shown in ①.
- As shown in ②, install the RJ45 connector according to the direct cable arrangement.
- As shown in ③, connect the RJ45 (female) terminal and the RJ45 (male) terminal on the back of the product.
- As shown in ④, connect the RJ45 protective cover, waterproof gasket, and RJ45 back cover in the order. As shown in ⑤, turn it by hand as much as you can to finish.

SF flexible additional installation

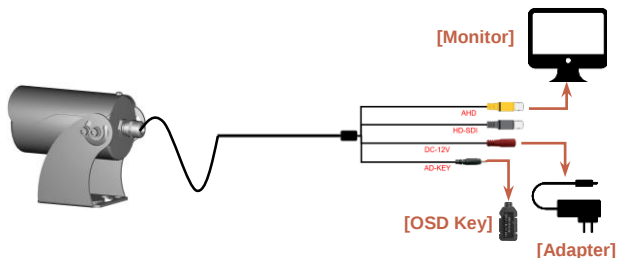


- Install the waterproof connector nipple where the waterproof connector is installed as shown in ①.
- As shown in ②, firmly fix the waterproof connector nipple to the product, and connect the connector. At this time, the PF22 standard is used for the SF flexible connector.
- Firmly fix the SF flexible as in ③.

Product Installation and Precautions

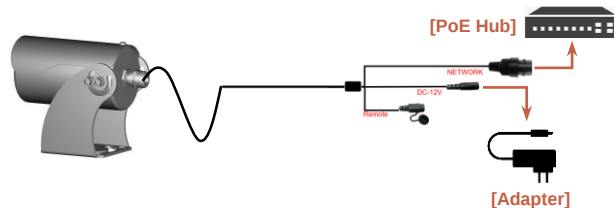
The manufacturer is not responsible for damages caused by product failure due to product connector wiring errors.

Installation of cable gland type (HD)



- Connect the video and power to each output end of the cable gland by referring to the figure above. do.
- At this time, the video output can select EX-SDI from HD-SDI output, and from AHD output TVI/CVI/CVBS can be selected (selectable in OSD mode)
- Connect the 12V power adapter to supply power.
- Connect the OSD Key provided as an accessory to adjust the OSD option.

Installation of cable gland type (IP)

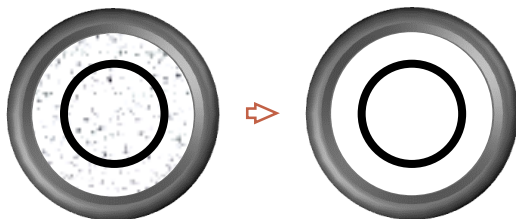


- When connecting to a network through a PoE HUB, do not connect a separate power adapter.
- Separate DC-12V voltage when connecting directly to a general HUB or router, not a PoE HUB to supply power.
- The toggle switch for factory reset of the product is integrated with the cable.
- Connect the waterproof connector of the RJ45 terminal by referring to page 11.

Maintenance after product installation

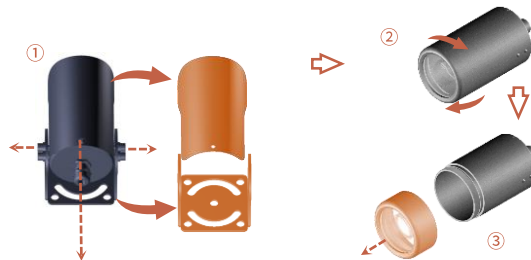
When replacing or maintaining the camera, be sure to move to a safe area.

Periodic cleaning



- It should be managed periodically so that no more than 5mm of dust is accumulated on the surface of the product through daily cleaning. (for anti-static purposes)
- Tempered Glass Glass should be cleaned with mild soapy water diluted with water.
- Be sure to clean the surface of the device with a damp cloth.

Disassembly/assembly of products for inspection



- As in ①, remove all bolts on the exterior of the sun shield and mount bracket.
- As shown in ②, disassemble the front cover on the top of the main body by turning it clockwise.
- You can inspect the module inside by disassembling the front cover + main body assembly as shown in ③. there is.
- When disassembling the product, it must be disassembled/inspected in a place without ambient moisture, and For smog caused by moisture inflow during disassembly/inspection, the manufacturer not responsible.