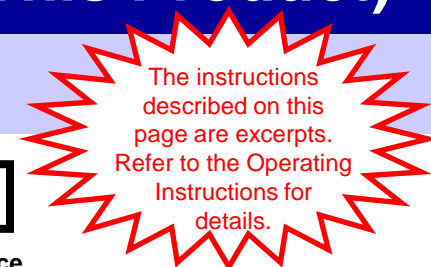


Precautions for Installation (Instructions Unique to This Product)

The following precautions are unique to this unit due to its characteristics.



Excerpts from "WARNING"

Consult an authorized dealer for mounting.

- Experience and knowledge are required to perform mounting of the unit. Incorrect mounting can cause damage to the unit, fire, electric shock, or injury. Make sure to consult an authorized dealer for mounting.

Stop the operation immediately when something is wrong with this product.

- When smoke goes up from the product, the smell of smoke comes from the product, or the exterior of the product has deteriorated, continued use will cause a fire or fall of the product resulting in injury, or damage to the product. In this case, turn the power off immediately and contact qualified service personnel for service.

Do not damage coaxial cables, insert objects into the conductor, or connect coaxial cables with incomplete relays.

- If water or other objects enter the conductor, or coaxial cables with incomplete relays are connected, it may result in electric shock or fire. Disconnect the power line and contact an authorized service center if there is any damage to the coaxial cables.

Do not forcibly pull on the cable.

- Doing so may result in a fire or electric shock.

Keep the BNC connector cover cap (an accessory that attaches to the BNC connector cover) out of reach of young children to prevent them from swallowing it by accident.

- Otherwise, they may swallow the cap by mistake. In this case, consult a doctor immediately.

Do not touch the unit, ethernet cable, coaxial cable, AC cord, or power plug during thunderstorms.

- Doing so may result in a fire or electric shock.

Do not touch the core of the coaxial cable.

- This may result in electric shock. A maximum of DC 60 V is applied to the coaxial cable.

Excerpts from "CAUTION"

Do not connect other devices to the BNC connector of the unit.

This may damage the unit.

Excerpts from "General Precautions"

The unit is intended for indoor use only and should not be mounted outdoors.

Exercise care not to let the unit get wet.

Use the unit where it will not be subjected to water droplets or splashes.

Radio disturbance

This unit uses the same high-frequency signals as those used for amateur radio, shortwave broadcasting, aviation radio, marine radio, and radio waves used for astronomical observations and other similar purposes. If the unit is used near radio equipment, it may interfere with these activities.

Excerpts from "Precautions for Installation"

Coaxial cable connections

- Disconnect the coaxial cable from all devices and measure the insulation resistance of the coaxial cable (new or existing) before making connections.

Insulation resistance: 1 MΩ or more at DC 500 V

- Confirm the length of the coaxial cable (see page 27)
- We recommend RG-6/U coaxial cable.
- The performance of the coaxial cable may be affected if it is relayed.
- Use only the following recommended BNC plug when connecting coaxial cables to the BNC connectors of the unit.

Applicable plug: MIL-C39012C, MIL-C39012/16F, or BS CECC2212: 1981 (Suffixes attached to the standards may be updated.)

The unit is intended for indoor use only

The unit cannot be used outdoors. Do not install the unit in areas that are exposed to direct sunlight for long periods of time, or areas near heaters or air conditioners. Installing the unit in such areas may cause malfunctions and cause the unit to change shape or color. Do not use the unit when they have been exposed to water or moisture.

Mounting and connections

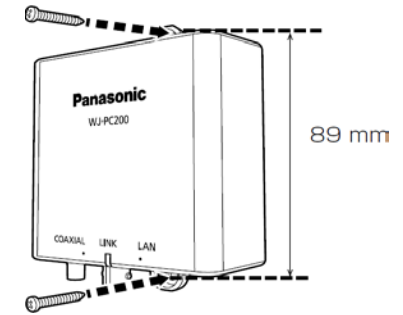
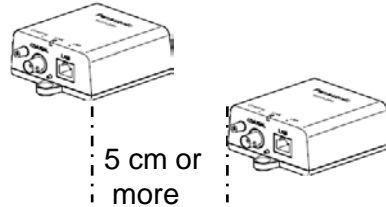
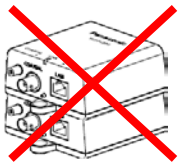
- Do not mount camera side units above or below other camera side units. This can cause transmission interference. When mounting several camera side units in the same area, mount them side by side each other.
- When connecting the coaxial cable to the unit, make sure that no other devices are connected to the coaxial cable. Connecting the coaxial cable to the unit when there are other devices connected (such as an analog CCTV camera), may cause damage to the connected device.

Precautions for Installation (Location and Rack Mounting)

Do not mount camera side units above or below other camera side units.
Pay attention to the temperature when mounting the unit to a rack.

Installation of camera side units

Do not mount units above or below other units. This can cause transmission interference. When mounting several camera side units in the same area, mount them side by side each other. (A space of at least 5 cm should be provided between the units.)



Installation of receiver side units (for rack mounting)

(For information on how to mount 2 or 3 receiver side units to a rack, refer to the Operating Instructions.)

Flat-head (M3 x 6 mm: Rack mount connecting fitting (accessory)) x 16

Underside continuous connecting bracket (Rack mount connecting fitting (accessory))

Screw (M3 x 6 mm: Rack mount connecting fitting (accessory)) x 2

Screw (M3 x 6 mm: Rack mount connecting fitting (accessory)) x 2

Mounting bracket (Rack mount connecting fitting (accessory))

Mounting bracket (Rack mount connecting fitting (accessory))

Rack mounting screw (locally procured) x 4

Racks manufactured by Panasonic: Tapping with a nominal diameter of 5 mm
Racks manufactured by others: YBSNG003

- When mounting to a rack, we recommend that you attach a cooling fan or other device to keep the units cool.
- Take measures to ensure that the temperature in the rack does not exceed 50°C.
- When mounting receiver side units to the rack, leave 1U (44 mm) or more clearance above and below the receiver side units.

Reference: Relationship with Effective Length of Housing

A rough guideline is the overall camera length plus 160 mm.

If the length is between 280 and 350 mm, a check must be carried out with the actual device.

Required length: Overall camera length + 160 mm (Example: SPN631 (191 mm) = 351 mm)

For WV-SPN631 with TAMRON M13VG288IR, the length required for the housing is shown in the following figure:

