



Network Camera

VB-H630VE/VB-H630D/VB-M620VE/VB-M620D

Installation Guide

Thank you for purchasing a Canon Network Camera (hereafter referred to as the camera). VB-H630D/VB-M620D is designed for indoor use only. It is also possible to install the VB-H630VE/ VB-M620VE outdoors, such as underneath eaves.

Be sure to read "Installation Guide" (this document) and "Operation Guide" (included in the Setup CD-ROM) before use.

This "Installation Guide" explains the installation method for installing the camera on a ceiling or wall and the installation method using the separately sold junction box mounting kit PS600-VB. Be sure to read the "Safety Precautions" section for correct use. After reading this Installation Guide, keep it in a readily accessible location for future reference.

For the installation of this camera recessed into a ceiling or wall using the recessed mounting kit (sold separately), please read the "Recessed Mounting Kit SR600-VB Installation Guide" included with the recessed mounting kit.

When using the heater unit (sold separately), please read the "Heater Unit HU600-VB User Manual" included with the heater unit.

The detailed procedures for using this camera are explained in the "Operation Guide". Read these guides carefully before using the camera to ensure correct use.

* For the latest information (firmware and included software, user manuals, operating

- environment, etc.), please refer to the Canon Web Site. Some cameras are not sold in some countries or regions.



WARNING H630D To reduce a risk of fire or electric shock, do not expose this M620D product to rain or moisture.

Request a professional installer for all camera installation work. Never try to install the camera yourself. Doing so may result in unforeseen accidents such as dropping the camera or electric shock.

Write the serial number and MAC address of the camera (printed on the seal at the bottom of the camera) in the field below before storing this Installation Guide in a safe location. Serial numbe

MAC Address

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Check Included Items

This product comes with the following items. If any item is missing, contact the dealer where you purchased the product. Camera 2. Power connector (VB-H630VE/VB-H630D/

VB-M620VE/VB-M620D)

for VB-H630D/ for VB-H630VE/

VB-M620V

3. Safety wire

5. Template

VB-M620D

4. Audio interface cable

6. Dome case lock screw wrench (VB-H630VE/VB-M620VE only)

- 8. Installation Guide (This document)
- 9. Warranty card

7. Setup CD-ROM

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



These symbols indicate that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU), the Battery Directive (2006/66/EC) and/or national legislation implementing those Directives. If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg

= Mercury, Cd = Cadmium, Pb = Lead) is present in this battery or accumulator at a concentration above an applicable threshold specified in the Battery Directive.

This product should be handed over to a designated collection point, e.g., on an authorized one-forone basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE) and batteries and accumulators. Improper handling of this type of waste could have a possible impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about the recycling of this product, please contact your local city office, waste authority, approved scheme or your household waste disposal service or visit www.canon-europe. <u>com/weee</u>, or <u>www.canon-europe.com/battery</u>.

tes on Privacy and Publicity Rights Regarding the Use of Video/Au

When using the camera (for video or audio recording), it is the full responsibility of the user to protect privacy and avoid any violation of publicity rights. For example, obtain consent to install the camera in advance if specific buildings or rooms are to be monitored. Canon shall have no liability whatsoever in this regard.

Legal Notice

BIE-7029-002

ENGLISH

In some cases, camera monitoring may be prohibited by law or regulation, the details of which differ by country or region. Before using the camera, check the laws or regulations of the country or region where the camera is used.

er Manuals

- Installation Guide (This document)
- This guide provides notes on camera installation and explains the procedures to install the camera onto a ceiling or wall.
- Operation Guide (Included in the Setup CD-ROM) This document explains the initial camera settings, Admin Tools settings, viewer operations

Symbols Indicating Camera Model

and troubleshooting, etc.

Camera specific functions will be listed using the icons below. H630VE : VB-H630VE H630D : VB-H630D M620VE : VB-M620VE M620D : VB-M620D

Accessories

The following accessories can be purchased separately as necessary. Some accessories are not sold in some countries or regions.

Recessed Mounting Kit SR600-VB

This dedicated accessory is used to install the camera recessed into a wall or ceiling.

Junction Box Mounting Kit PS600-VB

This dedicated accessory is used to mount the camera to a junction box.

Heater unit HU600-VB

This dedicated accessory is attached to the interior of VB-H630VE/VB-M620VE to maintain operation temperature within the dome and achieve stable operation even in extremely cold environments.

Pendant Mounting Kit PC600-VB

This is a dedicated accessory for large stores with high ceilings used to install the camera at the end of a pipe stretching down from the ceiling.

Important

Printed in Taiwan

When this accessory is used, the camera may shake more than the vibrations in the ceiling depending on how the pipe is mounted to the ceiling. If the camera angle is off, use the Camera Angle Setting Tool to readjust the angle (See "Operation Guide" > "Camera Angle Setting Tool").

Canon AC Adapter PA-V18

A dedicated AC adapter for this camera

bols Indicating Safety Precautions

This Installation Guide uses the following marks to indicate important information the user should know in order to use the product safely. Be sure to observe these items.

\land Warning	Inappropriate handling against the instruction accompanied by this sign may result in death or serious injury. Be sure to observe these warnings to ensure safety.
\land Caution	Inappropriate handling against the instruction accompanied by this sign may result in injury. Be sure to observe these precautions to ensure safety.
Caution	Inappropriate handling against the instruction accompanied by this sign may result in property damage. Be sure to observe these precautions.
Important	This symbol indicates important or restricted items. Be sure to read this section.
P Note	Contains reference information for operation or additional explanations.

- Do not spill water or other liquid inside the camera, spray the camera with water, or otherwise make it wet.
- Do not use flammable sprays near the camera.
- Do not leave LAN cables, external power supplies or AC adapter (sold separately) power connectors connected when the camera is not in use for long periods.
- Do not use flammable solvents such as alcohol, paint thinner or benzine when cleaning the camera.
- Fire or electric shock may result.

- Do not touch the edge of metal parts with bare hands. • Be careful not to trap your fingers during installation of the camera. Injury may result.

- direct sunlight.
- rainfall.
- position the wiring hole straight down to prevent rain infiltration. silicone sealant or a rubber mat to ensure waterproofing. Also
- When mounting the camera onto a wall or other upright surface, • If wiring the camera through the wiring hole on the bottom, use

- Firmly fix the dome case to the main unit of the camera with the lock screws, taking care not to pinch cables between the main unit and dome case.

- - pipe, clear any debris from the wiring hole and firmly tighten the pipe. Apply silicone sealant after attaching the pipe.

• Take measures to remove static electricity before performing any procedures. • If there is condensation, please wait to power on, until the condensation dissipates. Malfunction may result.

afety Precautions

This section explains precautions that must be observed when using the camera. If they are not observed, injury, death and/or property damage may occur. Read the following information carefully and be sure to observe the precautions.

Installation Precautions

\Lambda Warning

- Do not install in the following places: • Places in strong direct sunlight, near heat-generating objects, or subject to high temperatures
- Places near fire sources or flammable solvents (alcohol, thinner, fuel, etc.)
- Humid or dusty places
- Places subject to oily smoke or steam
- Places subject to sea air
- Confined or enclosed places
- Fire or electric shock may result

▲ Caution

- For installation or inspection of this camera, consult the dealer where you purchased the product.
- This installation should be made by a qualified service person and should conform to all local codes.
- When installing, make sure the surface is capable of withstanding the total weight of
- the camera and accessories, and sufficiently reinforce if necessary. • Periodically check the parts and screws for rust and to see if they have loosened, in order to prevent injuries and equipment damage due to falling items.
- Do not install in unstable places, places subject to significant vibration or impact, or
- places subject to salt damage or corrosive gas.
- Be sure to attach the safety wire when installing the camera.
- Failure to do so may result in the camera falling or other accidents.

Caution

- Do not move the lens unit by hand.
- Do not install the camera on an unstable surface.
- To maximize shock resistant specifications, do not install on insufficiently strong
- surfaces or surfaces subject to significant vibration (VB-H630VE/VB-M620VE).
- Take care not to damage wiring or pipes in the room. Damage to peripheral items may result

Precautions for Installing the Camera Outdoors (VB-H630VE/VB-M620VE)

- When installing the VB-H630VE/VB-M620VE outdoors, observe the following precautions to retain waterproof/dustproof capabilities.
- Be sure to install the camera under eaves or other places out of
- Install the camera in a place unexposed to long periods of direct
- use an insect repellent sponge if necessary. • If wiring with a composite pipe (NPT 3/4 inch threaded hole) attached to the wiring hole, wrap teflon tape around the tip of the

Precautions for Use

^	
	Morning
	Warning

- If you discover defective conditions such as smoke, strange sounds, heat or strange odors, immediately stop using the camera and contact your closest dealer. Fire or electric shock may result from continued use of the product.
- If thunder starts, stop installation or inspection etc. and do not touch the camera or continue connecting the cable.
- Do not disassemble or modify the camera.
- Do not damage the connecting cable.
- Do not insert foreign objects into the camera.

Notes on Power Supply

🗥 Warning

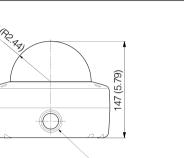
- Only use the dedicated AC Adapter (sold separately) for AC power.
- Do not set any heavy objects on the power cable (or the LAN cable for a PoE power supply).
- Do not pull, forcibly bend, scratch, or modify the power cable (or the LAN cable for a PoE power supply).
- Do not cover or wrap the AC adapter (sold separately) with cloth or blankets. Fire or electric shock may result.

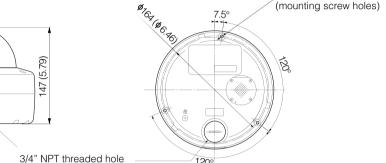
Caution

• After turning off the power, wait for at least five seconds before turning the power on again. If the power is turned on again too quickly, the camera may operate poorly.

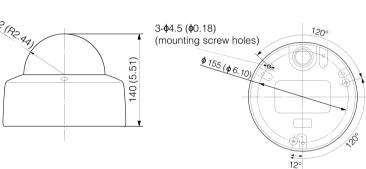
External Dimensions

VB-H630VE/VB-M620VE





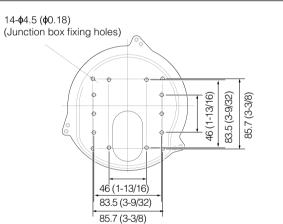
VB-H630D/VB-M620D



Junction Box Plate

wiring hole

straight down



Unit: mm (in.)

I-Frame Interval Simultaneous Client Access

Camera Control

Access Control **Encrypted Communications** IEEE 802.1X Protocol

AutoIP Audio Compression Method Audio Communication Method

Audio File Playback*3

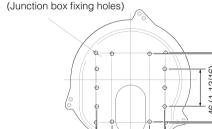
Privacy Mask

Preset Intelligent Function

Event Trigger Type

Image Upload

Event Notification Image Cropping Function



lain Specifications Camera

Image Sensor Number of Effective Pixels

Scanning Metho Lens Focal Length*1 F-number Viewing Angle

Day/Night Switch Min. Subject Illumination Day Mode (color)

Night Mode (monochrome)

Focus Shooting Distance (from front of lens) Shutter Speed

Exposure

 $3-\phi 4 6 (\phi 0 18)$

White Balance

Metering Mode Exposure Compensation Smart Shade Control

Haze Compensation

AGC Limit Pan Angle Range Tilt Angle Range Rotation Angle Range Moving Speed

Server

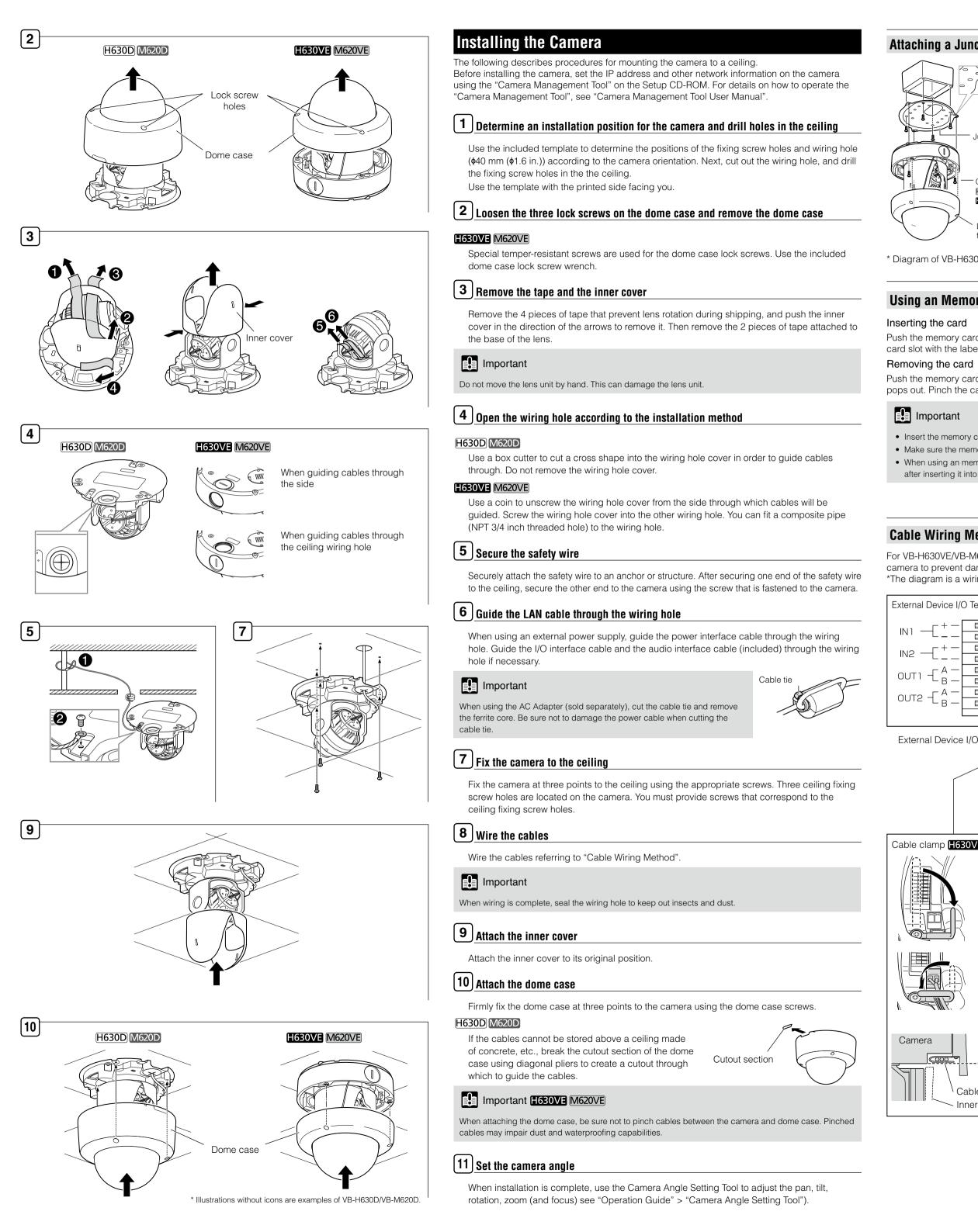
Video Compression Method Video Size

Video Quality Frame Rate*

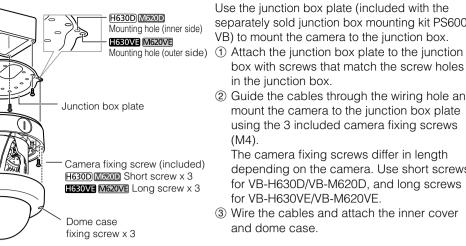
Max. Frame Rate

4.2 (0.17)

	On-Screen Display	Available
1/3 type CMOS (primary color filter)	Daylight Saving Time Custom Settings	Available Number of registers: 4
M620VE M620D Approx. 1.3 million pixels		Items to Reg.: Exposure, Smart Shade Control, Haze Compensation, Focus, White Balance, Image Quality Adjustment, Day/Night
Progressive 3x optical (4x digital zoom) zoom lens (electric drive)	Language	German/English/Spanish/French/Italian/Russian/Turkish/Chinese (Simplified)/
2.8 (W) – 8.4 mm (T)		Japanese
F1.2 (W) – F2.0 (T) For 16:9 aspect ratios	"ONVIF" is a trademark of ONVIF	INC.
Horizontal: 111.0° (W) – 36.5° (T)	Interface	
Vertical: 60.1° (W) – 20.5° (T) For 4:3 aspect ratios	Network Terminal*4 Audio Input Terminal	LAN x 1 (RJ45, 100Base-TX (auto/full-duplex/half-duplex)) \$\$0.14 at a set at a set
Horizontal: 81.2° (W) – 27.3° (T) Vertical: 60.1° (W) – 20.5° (T)	•	Connect via an audio interface cable (included)
Auto/Day Mode/Night Mode		Switch LINE IN/MIC IN in the setting page. LINE IN \times 1 (connect to an amplifier microphone) or
0.3 lux (F1.2, shutter speed 1/30 sec., when smart shade control is off, 50IRE)		MIC IN x 1 (connect to a microphone w/o amplifier)
0.02 lux (F1.2, shutter speed 1/2 sec., when smart shade control is off, 50IRE)	Audio Output Terminal (LINE OUT)	φ 3.5 mm (φ 0.14 in.) mini-jack connector (monaural) Connect via an audio interface cable (included)
0.008 lux (F1.2, shutter speed 1/2 sec., when smart shade control is on, 50IRE) 0.015 lux (F1.2, shutter speed 1/30 sec., when smart shade control is off, 50IRE)	· · · ·	LINE OUT x 1 (connect to an amplifier speaker)
0.001 lux (F1.2, shutter speed 1/2 sec., when smart shade control is off, 50IRE)	External Device I/O Terminal Memory Card	Input x 2, Output x 2 SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible.
0.0005 lux (F1.2, shutter speed 1/2 sec., when smart shade control is on, 50IRE) One-shot AF/Manual/Fixed at infinity		Frame Rate: Max. 1 fps (JPEG) Max. 30 fps (H.264)
Day Mode: 0.3 m (12 in.) – infinity Night Mode: 1.0 m (3.3 ft.) – infinity		Max. 30 Ips (n.204)
1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000,	Others	
1/4000, 1/8000, 1/10000, 1/16000 sec. Auto/Auto (Flickerless)/Auto (Shutter-priority AE)/Manual (Shutter Speed, Aperture,	Operating Environment	Temperature: -10°C – +50°C (+14°F – +122°F) Humidity: 5% – 85% (without condensation)
Gain)		H630VE M620VE Temperature: -30°C – +50°C (-22°F – +122°F)
Auto/Light Source (Daylight Fluorescent/White Fluorescent/Warm Fluorescent/ Mercury Lamp/Sodium Lamp/Halogen Lamp)/Manual (One-shot WB/R Gain/B		Humidity: 5% – 85% (without condensation)*
Gain) Center-Weighted/Average/Spot	Power Supply	*Equipped with separately sold Heater Unit HU600-VB PoE: PoE power supply via LAN connector (IEEE802.3af Class 0 compliant)
9 levels		AC Adapter: PA-V18 (100 – 240 V AC) (sold separately)
Auto/Manual/Disable Auto: 3 levels		External power source: 24 V AC/12 V DC
Manual: 7 levels	Power Consumption	When using PoE: H630VE M620VE Max. approx. 8.4 W*5
Brightens shaded areas of a video Auto/Manual/Disable		[H630D]M620D] Max. approx. 7.8 W*⁵ When using AC Adapter PA-V18: [H630VE] M620VE Max. approx. 9.9 W (100 V AC)
Auto: 3 levels		Max. approx. 10.3 W (240 V AC) (H630D) [M620D] Max. approx. 9.4 W (100 V AC)
Manual: 7 levels 5 levels		Max. approx. 9.2 W (240 V AC)
350° (±175°)		When using DC: [1630VE M620VE Max. approx. 9.0 W (1630D)(M620D) Max. approx. 8.3 W
150° (±75°) 350° (±175°)		When using AC: H630VE M620VE Max. approx. 8.1 W
Pan: 17.1°/sec., Tilt: 12.6°/sec., Rotation: 25.9°/sec. When the Camera Angle Setting Tool is used		H630D M620D Max. approx. 7.5 W H630VE M620VE Max. approx. 18.7 W*
when the Camera Angle Setting looi is used	Dimensions	*when separately sold Heater Unit HU600-VB installed ┠ぽろひVE M620VE (∮ x H) ∮180 x 147 mm (∮7.09 x 5.79 in.)
	DIMENSIONS	H630D M620D (\$\phi x H) \$\phi186 x 140 mm (\$\phi7.32 x 5.51 in.)
JPEG, H.264 [H6300] JPEG, H.264:1920 × 1080, 960 × 540, 480 × 270	Weight	H650VE M620VE Approx. 1920 g (4.24 lb.) Approx. 162 g (5.8 oz.) (Junction Box Mounting Kit)
1280 x 720, 640 x 360, 320 x 180		H630D M620D Approx. 1190 g (2.63 lb.)
1280 x 960, 640 x 480, 320 x 240	Impact Resistance	Approx. 159 g (5.7 oz.) (Junction Box Mounting Kit)
M620VE M620D JPEG, H.264 : 1280 x 720, 640 x 360, 320 x 180		
1280 × 960, 640 × 480, 320 × 240	impact nesistance	IK10 compliant
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps		IK10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method)
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps	Dust-resistant/	IK10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) H630VE M620VE IP66 compliant (IEC60529)
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps (H630VE H630D) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations:	Dust-resistant/ Waterproof Specification	IK10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) H630VE M620VE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps (H6300VE H630D) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle,	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) H630VE M620VE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps H6300VE H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGSOVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer clients accessing at the same time, network loads, video quality setting, type or
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps H6300VE (H6300) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME20VE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer clients accessing at the same time, network loads, video quality setting, type or or other reasons.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps (1030VF) H6300) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps IT630VF H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject of *3 A third-party amplifier spec	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps (1030V/3)(H630D) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps H.264: 1/2/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080) : 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps M620VE M620P When streaming JPEG, H.264 (1280 x 960): 30 fps When used in the following combinations: When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps H.264: 1/2/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080) : 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps M620VE M620P When streaming JPEG, H.264 (1280 x 960): 30 fps When used in the following combinations: When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 9720)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps IIGBOVE H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps M620VE M620D When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 920) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 920) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080) : 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps M620VE M620P When streaming JPEG, H.264 (1280 x 960): 30 fps When used in the following combinations: When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps Ite30VF H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps M620VE (M620) When streaming JPEG, H.264 (1280 x 960): 30 fps When used in the following combinations: When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H.264 (1) (280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps IT530VF (H6300) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When used in the following combinations: When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps M620VE M620P When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps O.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) 	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps ITEGOVE (H630D) When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
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 1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps ISSOVE H530D When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SNMPv1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, 	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H. 264: 5 levels JPEG: 0.1 – 30 fps H. 264: 1/2/3/5/6/10/15/30 fps When used in the following combinations: When streaming JPEG, H. 264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H. 264(1) (1920 x 1080) and H. 264(2) (all sizes) simultaneously: 15 fps When streaming H. 264(1) (all sizes) and H. 264(2) (1920 x 1080) simultaneously: 15 fps When streaming H. 264(1) (1280 x 960) and H. 264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H. 264 (1280 x 960): 30 fps When streaming JPEG, H. 264 (1) (1280 x 960) and H. 264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H. 264 (1280 x 960): 30 fps When streaming H. 264(1) (1280 x 720) and H. 264(2) (1280 x 960) simultaneously: 15 fps When streaming H. 264(1) (1280 x 720) and H. 264(2) (1280 x 960) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H. 264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SNMPV1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H. 264: 5 levels JPEG: 0.1 – 30 fps H. 264: 1/2/3/5/6/10/15/30 fps Institution When streaming JPEG, H. 264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H. 264(1) (1920 x 1080) and H. 264(2) (all sizes) simultaneously: 15 fps When streaming H. 264(1) (all sizes) and H. 264(2) (1920 x 1080) simultaneously: 15 fps When streaming H. 264(1) (1280 x 960) and H. 264(2) (1280 x 960) simultaneously: 15 fps When streaming H. 264(1) (1280 x 720) and H. 264(2) (1280 x 720) simultaneously: 15 fps Mc20VE (Mc20) When streaming JPEG, H. 264 (1280 x 960): 30 fps When streaming H. 264(1) (1280 x 720) and H. 264(2) (1280 x 960) simultaneously: 15 fps When streaming H. 264(1) (1280 x 720) and H. 264(2) (1280 x 960) simultaneously: 15 fps When streaming H. 264(1) (1280 x 720) and H. 264(2) (1280 x 960) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H. 264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SNMPv1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SNMPv1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), mDNS, ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Full-duplex (two-way) Echo cancellation function compliant	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps IG300VE IG300 When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming JPEG, H.264 (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SNMPv1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, Wv-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) 	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG, H.264: 1/2/3/5/6/10/15/30 fps L :264: 1/2/3/5/6/10/15/30 fps L :50VE H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSLTLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTR, SIMPv1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV+HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTR, SMTP 200, INF (Slient), DNS (Client), mDNS, ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV+HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Full-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG, H.264: 5 levels JPEG, H.264: 12/3/5/6/10/15/30 fps IGSOVE H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-FEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMTP (Vient), DHCPv6 (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV+HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Full-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG, H.264: 5 levels JPEG, H.264: 12/3/5/6/10/15/30 fps H.264: 12/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (1220 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960): 30 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and password). Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-TEAP IPv4: TCP/IP UDP, HTP, FTF, SMPV1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP UDP, HTP, FTF, SMTP Authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP UDP, HTP, FTF, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP UDP, HTP, FTF, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Full-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors) Max. 20 positions	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG; 1.1 = 30 fps H.264: 1/2/3/5/6/10/15/30 fps IESUV3 H630D When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMTP 1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Full-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors) Max. 20 positions <video> Detection Types: moving object detection, abandoned object detection,</video>	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 - 30 fps H.264: 1/2/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming JP.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (all sizes) and H.264(2) (1280 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps O.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user name and passwords registered for authorized users. User authority (user name and password). Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-TLS, EAP-TEAP IPv4: TCP/IP. UDP, HTTP, FTF, SMTP (Client), DHCPv6 (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Ful-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors)<	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps IESUVE (F300) When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps O.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMMPv1/v2cv3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), mDNS, ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), mDNS, ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP,	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps Ifstove H5300 When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960): 30 fps When streaming J.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and passwords (MIB2), SMTP (Client), DHCP (Client), DNS (EMP, CP)P, NMP+1/V2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS, CAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMTP(Vibr2c/v3 (MIB2), SMTP Authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.711 µ-law (64 kbps) Ful-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors) Max. 20 positi	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 - 30 fps H.264: 1/2/3/5/6/10/15/30 fps UTSOUTH 16300 When streaming JPEG, H.264 (1920 x 1080): 30 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming JPEG, H.264 (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H.264 (1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming JPEG, H.264 (1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps O.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password). Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCP (Client), DMC (Client), MDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), mDNS, ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.7.11 µ-law (64 kbps) Full-duple (Wov-way)	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 - 30 fps H.264: 1/2/3/5/6/10/15/30 fps When streaming JPEG, H.264 (1920 x 1080): 30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1920 x 720) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps 0.5/1/1.5/2/3/4/5 sec: Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password), Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMMPH vi/22/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, W-HTTP (Canon proprietary), ONVIF Available G.7.11 µ-law (64 kbps) Fuil-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors) Max. 20 positions <video> Detection Types: moving object detection, abandoned object detection, removed object detection, camera tampering detection, and passing detection Detection Settings: Max. 15 <volume> Volume Detection External Device Input, Intelligent Function (Video), Intelligent Function (Volume), Tim</volume></video>	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spea *4 Use a category 5 or better	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 - 30 fps H.264: 1/2/3/5/6/10/15/30 fps When used in the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H.264(1) (1920 x 1080) and H.264(2) (1920 x 1080) simultaneously: 15 fps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps O.51/11.5/23/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and password). Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TTLS, EAP-TTLS, EAP-TEAP IPv4: TCP/IP, UDP, HTTP, FTP, SNMPv1/v2c/v3 (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, W-HTTP (Canon proprietary), ONVIF Available G-711 µ-law (64 kbps) Full-duplex (two-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors) Max. 20 positions <'Video> Detection Types: moving object detection, and passing detection Detection Settings: Max. 15 <'Volume Detection External Device Input, Intelligent Function (Video), Intelligent Function (Volume), Timer FTP/HTTP/SMTP (e-mail) F	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spec *4 Use a category 5 or better *5 Class 0 power sourcing ed	It 10 compliant With lens shock absorbing mechanism Estimated shock resistant: SOJ (based on Canon's test method) CTCTV MCOVC IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed (.): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer or other reasons. aker is necessary. 1. At cable, 100 m (328 ft.) or less in length. aupment (requests 15.4 W)
1280 x 960, 640 x 480, 320 x 240 JPEG: 0.1 – 30 tps H.264: 1/2/3/5/6/10/15/30 tps When used in the following combinations: When streaming H-264(1) (1920 x 1080) and H.264(2) (all sizes) simultaneously: 15 tps When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 tps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 tps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 tps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 tps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 tps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 tps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 tps 0.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Clients Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and password) Host Access Restrictions (IPv4, IPv6) SSLTLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, E	Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle, *2 Values represent streaming PC's specs, the number of movement of the subject o *3 A third-party amplifier spec *4 Use a category 5 or better *5 Class 0 power sourcing ed	IK 10 compliant With lens shock absorbing mechanism Estimated shock resistant: 50J (based on Canon's test method) IGEOVE ME2OVE IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed , (T): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer f clients accessing at the same time, network loads, video quality setting, type or or other reasons. aker is necessary. LAN cable, 100 m (328 ft.) or less in length.
 1280 x 960, 640 x 480, 320 x 240 JPEG, H.264; 5 levels JPEG, 12, - 30 tps H.264; 1/2/3/5/6/10/15/30 fps When used in the following combinations: When used in the following combinations: When streaming JP EG, H.264 (1) (200 x 1080) and H.264(2) (all sizes) simultaneously: 15 fps When streaming H 264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H 264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H 264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H 264(1) (1280 x 960) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H 264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H 264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps When streaming H 264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps O.5/1/1.5/2/3/4/5 sec. Max. 30 Clients + 1 Admin Client H.264: Max. 10 Client5 Administrator, Authorized user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for authorized users. User authority (user name and passwords). Host Access Restrictions (IPv4, IPv6) SSL/TLS, IPsec (Auto Key Exchange/Manual) EAP-MD5, EAP-TLS, EAP-TLS, EAP-PEAP IPv4: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DLNS (Client), DLPO (Client), DNS (Client), mDNS, ARP (CMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF Available G.7.11 µ-law (64 kbps) Fuil-duples (Iwo-way) Echo cancellation function compliant Sound Transfer Protocol by Canon Available (autio files can be played back when an event is triggered by the intelligent function or settings: Max. 15 Vidroos Detection Types: moving object detection, and passing detection, nereaved object detection, ca	 Dust-resistant/ Waterproof Specification *1 (W): maximum wide angle. *2 Values represent streaming Dryspecs, the number of novement of the subject of *3 A third-party amplifier spec *4 Use a category 5 or better *5 Class 0 power sourcing ed 	It 10 compliant With lens shock absorbing mechanism Estimated shock resistant: SOJ (based on Canon's test method) CTCTV MCOVC IP66 compliant (IEC60529) Only applies if properly installed and adequately waterproofed (.): maximum telephoto g performance from the camera. The frame rate may be reduced due to Viewer or other reasons. aker is necessary. 1. At cable, 100 m (328 ft.) or less in length. aupment (requests 15.4 W)
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Attaching a Junction Box



* Diagram of VB-H630VE/VB-M620VE.

Using an Memory Card

Push the memory card as far as possible into the memory card slot with the label facing outward.

Push the memory card in all the way until the card slightly pops out. Pinch the card and remove.

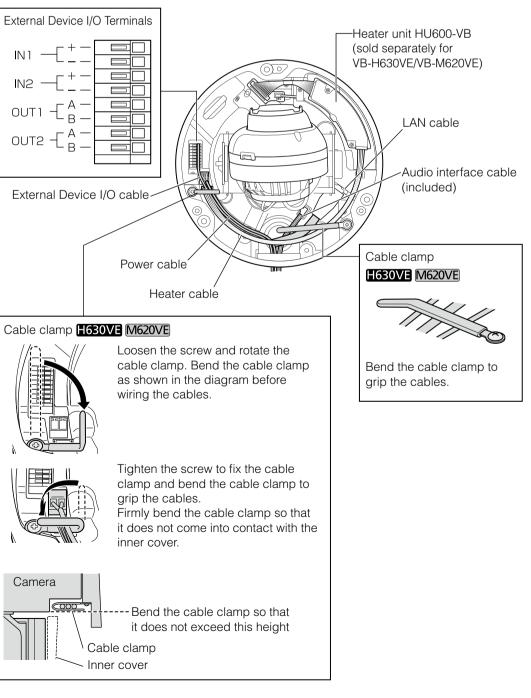
• Insert the memory card before attaching the dome case.

• Make sure the memory card is not write-protected.

• When using an memory card with the camera for the first time, it is recommended to format the card after inserting it into the camera (see "Operation Guide" > "Setting Page" > "Memory Card").

Cable Wiring Method

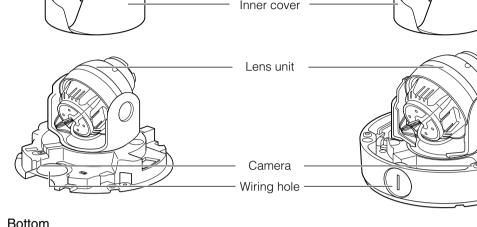
For VB-H630VE/VB-M620VE, secure the various cables with the cable clamps fastened to the camera to prevent damage to cables or connectors due to vibration, etc. *The diagram is a wiring example for VB-H630VE/VB-M620VE.



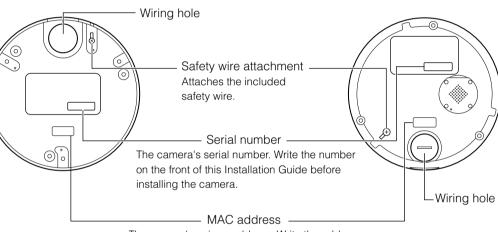
Part Names

Dome Case/Inner Cover/Camera H630D M620D

H630VE M620VE Dome case Dome case Lock screw



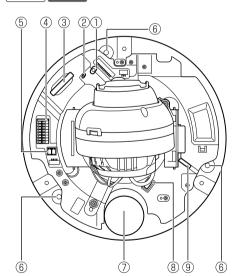
H630D M620D



The camera's unique address. Write the address on the front of this Installation Guide before installing the camera.

H630VE M620VE

Top view of the camera interior H630D M620D



H630VE M620VE

Connecting the Camera

Power Connection

📮 Note

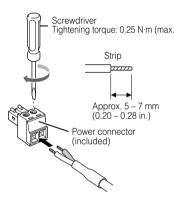
PoE (Power over Ethernet)

The camera supports PoE functions. Power can be supplied to the camera by using a LAN cable to connect it to a PoE HUB that conforms to the IEEE 802.3af standard.

Important

- camera via a LAN cable.
- PoE HUB.

External Power Supply 12 V DC or 24 V AC input can be used. Connect the included power connector as shown below.



Recommended Power Cables [Reference]

Cable (AWG)		24	22	20	18	16
12 V DC maximum cable length m		5	9	14	23	32
(ft.)		(16.4)	(29.5)	(45.9)	(75.5)	(105.0)
24 V AC maximum cable length	m	11	18	29	46	64
	(ft.)	(36.1)	(59.1)	(95.1)	(150.9)	(210.0)

Use UL cable (UL-1015 or equivalent) for 12 V DC or 24 V AC wiring.

AC Adapter

External Device I/O Terminals

External device I/O terminals consist of two input and output systems each. Viewer can be used to check external device input status and control output to an external device (see "Operation Guide" > "Selecting the External Device Output" and "Displaying Event Status").

External Device Input Terminals (IN1, IN2) External device input terminals consist of two sets (IN1, IN2) of two terminals, with the negative terminals connected to the camera interior GND. Connecting cables to the positive and negative terminals and opening or closing the circuit notifies the Viewer.

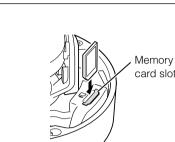
Important

- respective power and GND.
- to remain pushed-in.

- Reset switch
- Turn on the power while pushing this switch using a sharp object. Continue to push the switch for 5 seconds or more to restore all factory settings except for the date and time.
- 2 LED
- The blue LED light comes on. On: When powered on, during reboot
- Off: During normal use
- ③ Memory card slot
- ④ External device I/O terminals
- (5) Power connection terminal
- 6 Installation screw holes

Used when securing the camera to the installation surface, the junction box mounting kit (sold separately), or the recessed mounting kit (sold separately).

- ⑦ Wiring hole ⑧ Audio I/O terminal
- Connect the included audio interface cable here to connect audio input and output devices to the camera.
- 100Base-TX LAN connector
- 10 Cable clamps H630VE M620VE
- 1) Fan **h630ve** M620ve
- 12 Heater connection terminal H630VE M620VE



Use the junction box plate (included with the

in the junction box.

and dome case.

separately sold junction box mounting kit PS600-

box with screws that match the screw holes

② Guide the cables through the wiring hole and

mount the camera to the junction box plate

using the 3 included camera fixing screws

The camera fixing screws differ in length

depending on the camera. Use short screws

for VB-H630D/VB-M620D, and long screws

③ Wire the cables and attach the inner cover

for VB-H630VE/VB-M620VE.

Power can be supplied to the camera in the three ways described below. Please be sure to read the user manual for the dedicated power supply before use.

• The camera does not have a power switch. Connecting and disconnecting the LAN cable (PoE power supply), AC adapter, or external power supply plug turns the power ON and OFF, respectively. • When the camera needs to be rebooted, perform the reboot operation from the camera setting page (see "Operation Guide" > "Setting Page" > "Maintenance").

• When using the heater unit HU600-VB (sold separately), use 24 V AC for the VB-H630VE/VB-M620VE power supply. PoE, 12 V DC and the AC adapter cannot be used.

• Check with your dealer for more information about PoE HUB and Midspan technology. Midspan (a LAN cable power supply device) is a device that, like a PoE HUB, supplies power to the

• Some PoE HUBs allow the limitation of power for each port, but applying limits may interfere with performance. If using this type of PoE HUB, do not limit the operating power.

• Some PoE HUBs have limits for the total power consumption for the ports, which can interfere with performance when multiple ports are in use. For more information, check the instruction guide for your

• The camera can also be connected to an AC adapter (sold separately) while receiving power from a PoE HUB. In such cases, the PoE power supply is given priority, and the camera does not use the power supply from the AC adapter (sold separately). When the PoE power supply is disconnected, power is supplied automatically from the AC adapter (sold separately)

Important

12 V DC can be connected in a non-polar configuration.

- The power supply should be within the following voltage range. • 24 V AC: Voltage fluctuation within ±10% of 24 V AC (50 Hz or $60 \text{ Hz} \pm 0.5 \text{ Hz} \text{ or less}$
- Current supply capacity of at least 1.0 A per camera • 12 V DC: Voltage fluctuation within ±10% of 12 V DC
- Current supply capacity of at least 1.5 A per camera • When using a 12 V DC battery power supply, be sure to connect
- resistors of at least $0.5 1.0 \Omega/20$ W in series to the power line. • For an external power supply, use a double-insulated device.

Use the dedicated AC Adapter (sold separately).

• When connecting sensors and switches, connect terminals that are electrically isolated from the

• Do not push the external device I/O terminal button with too much force. Doing so may cause the button

External Device Output Terminals (OUT1, OUT2)

External device output terminals consist of two sets (OUT1, OUT2) of two terminals. The sets have no polarity. Controls from the viewer can be used to open and close the circuit between the terminals. Using optical couplers, the output terminals are isolated from the camera's internal

The load connected to the output terminals should be within the following rating range.

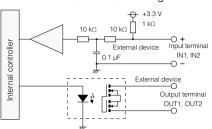
Rating between output terminals: Maximum voltage 50 V DC

Internal Connection Diagram

Continuous load current at or below 100 mA On resistance: Max. 30Ω



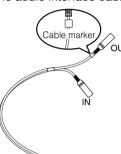
Adaptive wiring for external device cables Solid conductor AWG: No. 28 – 22 Cable strip should be approx. 8 – 9 mm (0.31 – 0.35 in.).



Audio Input/Output Terminals

Each audio input/output terminal has one input system and one output system. Connecting the camera to an audio input/output device such as a microphone or a speaker with an amplifier allows you to send/receive audio through the viewer.

Use the included audio interface cable to connect audio input/output devices to the camera. Use the \$3.5 mm (\$0.14 in.) monaural mini-jack connector to connect an audio output device with the audio interface cable.



The long end (has cable marker) from the bifurcation point in the cable corresponds to the audio output terminal. The short end (does not have cable marker) from the bifurcation point in the cable corresponds to the audio input terminal.

Audio Input Dual LINE IN/MIC IN (monaural input)

Although the camera has a single audio input system, it supports two types of microphone input: LINE IN and MIC IN. Before using the audio input, change the [Audio Input] on the Setting Page (see "Operation Guide" > "Audio Input"). LINE IN is selected by default. Input terminal: \$43.5 mm (\$0.14 in.) mini-jack (monaural)

- Dynamic MIC IN
- Input impedance: 1.5 k $\Omega \pm 5\%$
- * Supported microphones: Output impedance: $400\Omega 600\Omega$
- Condenser MIC IN
- Input impedance (microphone bias resistance): 2.2 k Ω ± 5%
- Microphone power supply: plug-in power (voltage: 2.3 V) * Supported microphones: Condenser microphones with plug-in power support
- LINE IN
- Input level: Max. 1 Vp-p
- * Use a microphone with an amplifier.

Audio Output Terminal LINE OUT (monaural output)

Connect the camera to a speaker with an amplifier. Audio can be sent to the speaker from Viewer. Output terminal: \$43.5 mm (\$0.14 in.) mini-jack (monaural)

Output level: Max. 1 Vp-p * Use a speaker with an amplifier

Important

- Using the wrong settings in [Audio Input] may damage the camera and/or microphone. Be sure to configure settings correctly.
- Microphone characteristics may affect volume and sound quality.
- Images and audio do not always synchronize properly.
- Audio may be interrupted depending on PC characteristics and network environment.
- Video and audio can be streamed to up to 30 clients. However, audio may be interrupted when streaming to many clients or using SSL.
- Audio may be interrupted when using antivirus software.
- Connecting and disconnecting the LAN cable interrupts the audio. Use the viewer to reconnect.