

Canon

Delighting You Always

A NEW INSIGHT ON SURVEILLANCE



CANON NETWORK CAMERAS H/M SERIES



Business *can* be simple

MORE TO SECURITY THAN MEETS THE EYE



VB-M42/42B

VB-H43/43B

HIGH-PERFORMANCE PAN, TILT & ZOOM

Magnifying the details and controlling the angle of view at your fingertip. The VB-M42/42B & VB-H43/43B is suited for environments requiring narrow visual depth such as corridors, airports or station platforms.



Image Stabilization

20x

OPTICAL ZOOM

- ▲ 60.4° angle-of-view
- ▲ 20x optical zoom & 12x digital zoom
- ▲ Min. subject illumination: 0.4 lux (color) and 0.02 lux (B&W)
- ▲ H.264 compression supported

VB-M620VE

VB-H630VE

WEATHER-PROOF, VANDAL-PROOF

Built to withstand harsh weather and impacts without compromising its functionalities. The VB-M620VE & VB-H630VE is ideal for construction sites and any outdoor surveillance.



Impact Resistance

IP66

- ▲ 111° angle-of-view
- ▲ 3x optical zoom & 4x digital zoom
- ▲ Min. subject illumination: 0.3 lux (color) and 0.015 lux (B&W)
- ▲ Shock resistant (50J)
- ▲ IP66 compliant
- ▲ Built-in Pan Tilt Rotate Zoom
- ▲ Power focus function
- ▲ H.264 compression supported



VB-M620D

VB-H630D

HIGHLY SENSITIVE, SUPERIOR LOW LIGHT PERFORMANCE

Bringing you the best in its class, the VB-M620D & VB-H630D is designed for diverse indoor surveillance needs and equipped with intelligent functions that detects suspicious activities.



Digital PTZ



Intelligent Function

- ▲ 111° angle-of-view
- ▲ 3x optical zoom & 4x digital zoom
- ▲ Min. subject illumination: 0.3 lux (color) and 0.015 lux (B&W)
- ▲ H.264 compression supported



VB-M720F

VB-H730F

ULTRA WIDE ANGLE

Providing an ultra wide angle that captures vibrant images even in low light condition, the VB-M720F & VB-H730F is an excellent tool to aid after-hours surveillance in any security situation.

112.6°
ANGLE OF-VIEW



Night Mode

- ▲ 112.6° angle-of-view
- ▲ 3x optical zoom & 4x digital zoom
- ▲ Min. subject illumination: 0.3 lux (color) and 0.015 lux (B&W)
- ▲ H.264 compression supported

CAMERA FEATURES & SURVEILLANCE CAPABILITIES

Ultra-Wide Angle Monitoring

Featuring the wide lens that covers an angle of 112.6°, the VB-M720F and VB-H730F is the perfect tool to optimize your budget for a broader surveillance coverage.

With the impressive horizontal angle of view, outstanding low light performance and 3x optical zoom, it delivers high quality videos suitable for various monitoring conditions.



DIGIC DV III IMAGE PROCESSOR & DIGIC NET II NETWORK VIDEO PROCESSOR

Improved with a new H.264 algorithm, the new VB-H and VB-M Series delivers high-resolution videos with low bandwidth utilization and low disk space usage, optimizing storage capacity and data transmission.

Equipped with the renowned DIGIC DV III Image Processor and DIGIC NET II, image captured are optimized with smooth gradations and vivid colour reproduction, which can be simultaneously transmitted in multiple resolutions and codecs (H.264 and M-JPEG) to meet your needs.



High-Magnification Zoom Capabilities

Featuring the best zoom performance of its class, the flagship PTZ models VB-H43/43B and VB-M42/42B are capable of up to 20x optical zoom and 12x digital zoom for a maximum magnification of 240x at the wide end of 60.4°.

With built-in high speed AF control and image stabilizer, both models offer a new Relative Pan/Tilt Speed Mode function, which slows the pan/tilt speed as the zoom factor is increased to ensure accurate surveillance by reducing the possibility that the camera operator may pan beyond a moving subject.

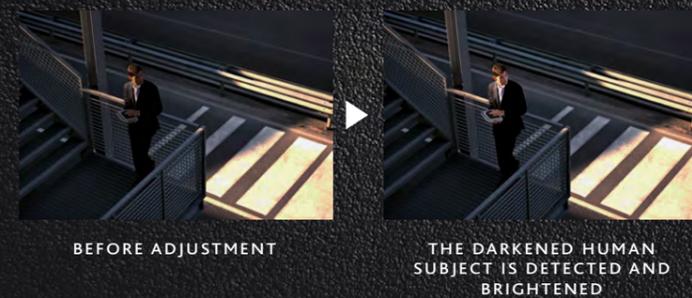


Exceptional Low Light Performance

Recording high-quality videos in low light conditions is crucial for effective security surveillance. Canon's network cameras make it possible with its proprietary bright lenses and image-processing algorithms, which effectively minimize noise in dark areas to deliver outstanding low light performance.

Auto Gain Control (AGC)

While bringing out the details in low light condition, the AGC limits the noise and reduces roughness in video feeds with 5 levels of selections that caters to various needs.



Auto Smart Shade Control (Auto SSC)

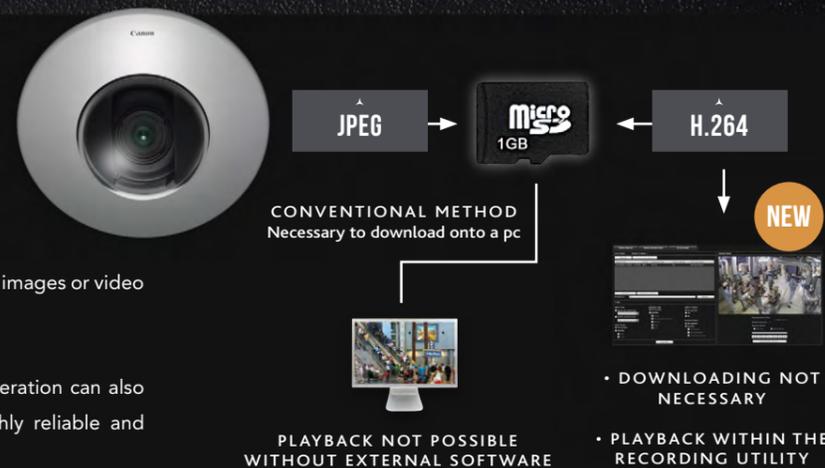
The Auto SSC featured in Canon's network cameras automatically adjust and adapt to the changing lighting condition to enhance visibility and image captured.

It analyses the lighting condition, automatically adjust the exposure and compensation to bring better visibility to objects even in backlit situations.

H.264 Playback within Recording Utility

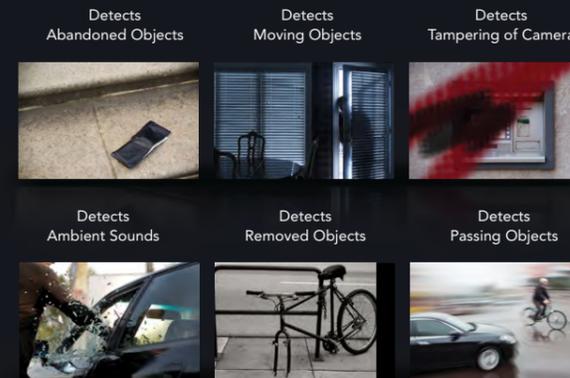
During a network disruption, users can now record images or video feed automatically to an SD, SDHC or SDXC card.

Camera errors and logs related to the system operation can also be recorded, which enables you to build a highly reliable and robust system in spite of network interruptions.

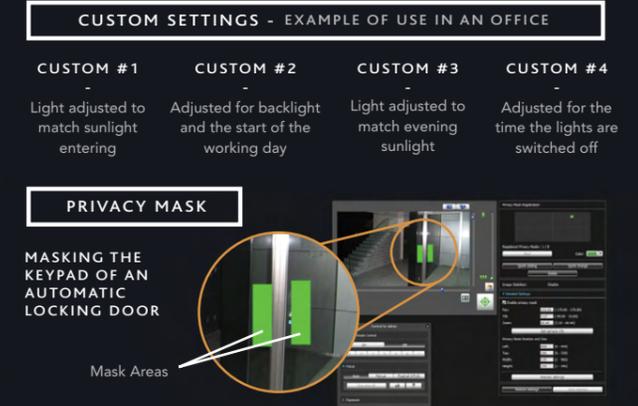


Full-Featured Detection Capabilities

Apart from its stylish outlook and outstanding performance, the built-in video analytics enables the new VB-H and VB-M Series intelligence capabilities to detect abandoned, moving and removed objects, as well as suspicious activities such as camera tampering, changes in surroundings through motion and volume detection.



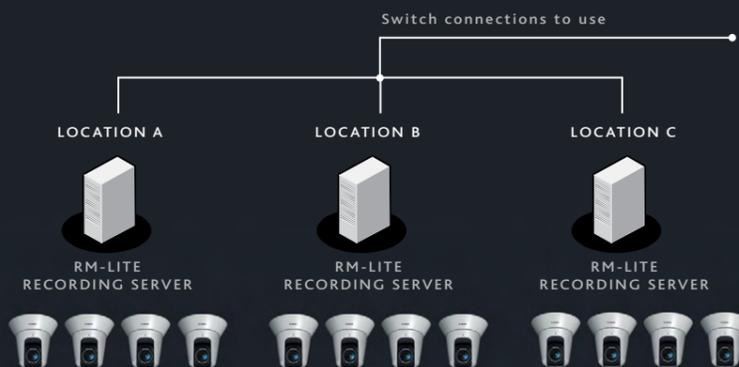
In addition, the range of network cameras offer flexibilities such as Custom Video Settings to allow up to 4 customization, optimizing image quality captured throughout the different settings of the day, and Privacy Mask to block out sensitive information while monitoring places such as ATM and offices.



EASY INSTALLATION

RM-Lite Recording Software

A standard inclusion with the VB-H and VB-M network cameras is the RM-Lite Recording Software which supports small-scale monitoring systems of up to four cameras.



EVENT RECORDING, TIMER RECORDING AND MANUALLY RECORDING FROM THE ADMIN VIEWER ARE SUPPORTED

RECORDED DURING NETWORK INTERRUPTIONS



ONVIF Profile S Support

Both series supports the new ONVIF (Open Network Video Interface Forum) Profile S conformant to maximize interoperability with other third party ONVIF Profile S recording systems, providing users with more surveillance options.



SPECIFICATION

VB-M SERIES

		VB-M42/42B	VB-M620VE	VB-M620D	VB-M720F
Image Sensor		1/3 type CMOS (primary color filter)			
Number of Effective Pixels		Approx. 1.3 million pixels			
Scanning Method		Progressive			
Lens		20x optical (12x digital zoom) zoom lens with auto focus		3x optical (4x digital zoom) zoom lens (electric drive)	
Focal Length		4.7 [W] – 94 mm [T]*1		2.8 [W] – 8.4 mm [T]	
F-number		F1.6 [W] – F3.5 [T]		F1.2 [W] – F2.0 [T]	
Viewing Angle	For 16:9 aspect ratios	Horizontal: 60.4° [W] – 3.2° [T] Vertical: 35.1° [W] – 1.8° [T]	Horizontal: 111.0° [W] – 36.5° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 111.0° [W] – 36.5° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 112.6° [W] – 36.7° [T] Vertical: 60.8° [W] – 20.6° [T]
	For 4:3 aspect ratios	Horizontal: 46.3° [W] – 2.4° [T] Vertical: 35.1° [W] – 1.8° [T]	Horizontal: 81.2° [W] – 27.3° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 81.2° [W] – 27.3° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 82.3° [W] – 27.5° [T] Vertical: 60.8° [W] – 20.6° [T]
Day/Night Switch		Auto/Manual			
Min. Subject Illumination	Day Mode (color):	0.4 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.03 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.01 lux [F1.6, shutter speed 1/2 sec., when smart shade control is on, 50IRE]		0.3 lux [F1.2, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.02 lux [F1.2, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.008 lux [F1.2, shutter speed 1/2 sec., when smart shade control is on, 50IRE]	
	Night Mode (B&W):	0.02 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.002 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.001 lux [F1.6, 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] 0.001 lux [F1.2, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.0005 lux [F1.2, shutter speed 1/2 sec., when smart shade control is on, 50IRE]	
	Day Mode (color):	When using the indoor dome housing (smoked): 0.8 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.06 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.02 lux [F1.6, shutter speed 1/2 sec., when smart shade control is on, 50IRE]			
	Night Mode (B&W):	0.04 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.004 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.002 lux [F1.6, shutter speed 1/2 sec., when smart shade control is on, 50IRE]			
Focus		Auto/One-shot AF/Manual/Fixed at infinity		One-shot AF/Manual/Fixed at infinity	
Shooting Distance (from front of lens)	Day Mode: Night Mode:	0.3 m – infinity [W], 1.0 m – infinity [T] 1.0 m – infinity [W], 1.5 m – infinity [T]		0.3 m – infinity 1.0 m – infinity	
	Day Mode: Night Mode:	When [Use] is selected for [Dome]: 2.0 m – infinity [W, T] 1.0 m – infinity [W], 2.2 m – infinity [T]			
Shutter Speed		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, 1/4000, 1/8000, 1/10000, 1/16000 sec.			
Exposure		Auto/Auto (Flickerless)/Auto [Shutter-priority AE]/Manual [Shutter Speed, Aperture, Gain]			
White Balance		Auto/Light Source [Daylight Fluorescent/White Fluorescent/Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogen Lamp]/Manual [One-shot WB/R Gain/B Gain]			
Metering Mode		Center-Weighted/Average/Spot			
Exposure Compensation		9 levels			
Smart Shade Control		Auto/Manual/Disable, Auto: 3 levels, Manual: 7 levels – Brightens shaded areas of a video			
Video Compression Method		JPEG, H.264			
Video Size		JPEG, H.264: 1280 x 720, 640 x 360, 320 x 180; 1280 x 960, 640 x 480, 320 x 240			
Video Quality		JPEG, H.264: 5 levels			
Frame Rate		JPEG: 0.1 – 30 fps; H.264: 1/2/3/5/6/10/15/30 fps			
Max. Frame Rate		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 720] simultaneously: 15 fps			
Simultaneous Client Access		Max. 30 Clients + 1 Admin Client – H.264: Max. 10 Clients			
Camera Control		Administrator, Authorized user, Guest user [level of control varies depending on user], Max. 50 user names and passwords registered for authorized users.			
Access Control		User authority (user name and password), Host Access Restrictions [IPv4, IPv6]			
Encrypted Communications		SSL/TLS, IPsec [Auto Key Exchange/Manual]			
Protocol		IPv4: TCP/IP, UDP, HTTP, FTP, SNMP [MIB2], SMTP [Client], DHCP [Client], DNS [Client], ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP [Canon proprietary], ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP [Client], DHCPv6 [Client], DNS [Client], ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP [Canon proprietary], ONVIF 6.711 μ-law [64 kbps]			
Audio Compression Method		Full-duplex (two-way) – Echo cancellation function compliant. Sound Transfer Protocol by Canon			
Audio Communication Method		Number of registration: Max. 8 places, Number of mask colors: 1 [select from 9 colors]			
Privacy Mask		-			
View Restriction		Available			
Intelligent Function		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			
Image Upload		FTP/HTTP/SMTP [e-mail] Temporary storage memory in camera: Max. approx. 5 MB; Frame Rate: Max. 10 fps [JPEG], Max. 30 fps [H.264]			
Event Notification		HTTP/SMTP [e-mail]			
On-Screen Display		Available			
Language		German/English/Spanish/French/Italian/Chinese [Simplified]/Japanese			
Network Terminal		LAN x 1 [RJ45, 100Base-TX [auto/full-duplex/half-duplex]]			
Audio Input Terminal (common for LINE IN & MIC IN)		Φ3.5 mm mini-jack connector (monaural) Switch LINE IN/MIC IN in the setting page. LINE IN x 1 [connect to an amplifier microphone] or MIC IN x 1 [connect to a microphone w/o amplifier]			
Audio Output Terminal (LINE OUT)		Φ3.5 mm mini-jack connector (monaural) LINE OUT x 1 [connect to an amplifier speaker]			
External Device I/O Terminal		Input x 2, Output x 2			
Memory Card		SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible. Frame Rate: Max. 1 fps [JPEG], Max. 30 fps [H.264]			
Operating Environment		Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation)	Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation) Temperature: -30°C – +50°C (-22°F – +122°F), Humidity: 5% – 85% (without condensation)* * Equipped with separately sold Heater Unit HU600-VB	Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation)	Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation)
Power Supply		PoE: PoE power supply via LAN connector [IEEE802.3af compliant], AC Adapter: PA-V17 or PA-V18 [100 – 240 V AC] [sold separately], External power source: 24 V AC/12 V DC – Heater Unit HU600-VB [sold separately]: 24 V AC only [only applicable to VB-M620VE]			
Dimensions		Φ x H) Φ132 x 155 mm – Camera only (height when camera is placed horizontally, excluding Ceiling Bracket)	Φ x H) Φ180 x 147 mm	Φ x H) Φ186 x 140 mm	[H x W x D] 65 x 80 x 192 mm
Impact Resistance		-	External materials: aluminum alloy, Dome: polycarbonate plastics IK10 compliant – With lens shock absorbing mechanism – Estimated shock resistant: 50 J (based on Canon's test method)	-	-
Dust-resistant/Waterproof Specification		-	IP66 compliant [IEC60529] – Only applies if properly installed and adequately waterproofed	-	-

*1 [W]: maximum wide angle, [T]: maximum telephoto

INSTALLATION EXAMPLES (3rd Party Custom Mounting Bracket Sold Separately)



Information above is correct at time of publication, and is subject to changes. Please refer to the actual product brochure or www.canon-asia.com for updated specifications.

SPECIFICATION

VB-H SERIES

		VB-H43/43B	VB-H630VE	VB-H630D	VB-H730F
Image Sensor		1/3 type CMOS (primary color filter)			
Number of Effective Pixels		Approx. 2.1 million pixels			
Scanning Method		Progressive			
Lens		20x optical (12x digital zoom) zoom lens with auto focus		3x optical (4x digital zoom) zoom lens (electric drive)	
Focal Length		4.7 [W] – 94 mm [T]*1		2.8 [W] – 8.4 mm [T]	
F-number		F1.6 [W] – F3.5 [T]		F1.2 [W] – F2.0 [T]	
Viewing Angle	For 16:9 aspect ratios	Horizontal: 60.4° [W] – 3.2° [T] Vertical: 35.1° [W] – 1.8° [T]	Horizontal: 111.0° [W] – 36.5° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 111.0° [W] – 36.5° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 112.6° [W] – 36.7° [T] Vertical: 60.8° [W] – 20.6° [T]
	For 4:3 aspect ratios	Horizontal: 46.3° [W] – 2.4° [T] Vertical: 35.1° [W] – 1.8° [T]	Horizontal: 81.2° [W] – 27.3° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 81.2° [W] – 27.3° [T] Vertical: 60.1° [W] – 20.5° [T]	Horizontal: 82.3° [W] – 27.5° [T] Vertical: 60.8° [W] – 20.6° [T]
Day/Night Switch		Auto/Manual			
Min. Subject Illumination	Day Mode (color):	0.4 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.03 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.01 lux [F1.6, shutter speed 1/2 sec., when smart shade control is on, 50IRE]		0.3 lux [F1.2, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.02 lux [F1.2, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.008 lux [F1.2, shutter speed 1/2 sec., when smart shade control is on, 50IRE]	
	Night Mode (B&W):	0.02 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.002 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.001 lux [F1.6, 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] 0.001 lux [F1.2, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.0005 lux [F1.2, shutter speed 1/2 sec., when smart shade control is on, 50IRE]	
	Day Mode (color):	When using the indoor dome housing (smoked): 0.8 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.06 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.02 lux [F1.6, shutter speed 1/2 sec., when smart shade control is on, 50IRE]			
	Night Mode (B&W):	0.04 lux [F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE] 0.004 lux [F1.6, shutter speed 1/2 sec., when smart shade control is off, 50IRE] 0.002 lux [F1.6, shutter speed 1/2 sec., when smart shade control is on, 50IRE]			
Focus		Auto/One-shot AF/Manual/Fixed at infinity		One-shot AF/Manual/Fixed at infinity	
Shooting Distance (from front of lens)	Day Mode: Night Mode:	0.3 m – infinity [W], 1.0 m – infinity [T] 1.0 m – infinity [W], 1.5 m – infinity [T]		0.3 m – infinity 1.0 m – infinity	
	Day Mode: Night Mode:	When [Use] is selected for [Dome]: 2.0 m – infinity [W, T] 1.0 m – infinity [W], 2.2 m – infinity [T]			
Shutter Speed		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, 1/4000, 1/8000, 1/10000, 1/16000 sec.			
Exposure		Auto/Auto (Flickerless)/Auto [Shutter-priority AE]/Manual [Shutter Speed, Aperture, Gain]			
White Balance		Auto/Light Source [Daylight Fluorescent/White Fluorescent/Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogen Lamp]/Manual [One-shot WB/R Gain/B Gain]			
Metering Mode		Center-Weighted/Average/Spot			
Exposure Compensation		9 levels			
Smart Shade Control		Auto/Manual/Disable, Auto: 3 levels, Manual: 7 levels – Brightens shaded areas of a video			
Video Compression Method		JPEG, H.264			
Video Size		JPEG, H.264: 1920 x 1080, 960 x 540, 480 x 270; 1280 x 720, 640 x 360, 320 x 180; 1280 x 960, 640 x 480, 320 x 240			
Video Quality		JPEG, H.264: 5 levels			
Frame Rate		JPEG: 0.1 – 30 fps; H.264: 1/2/3/5/6/10/15/30 fps			
Max. Frame Rate		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			
Simultaneous Client Access		Max. 30 Clients + 1 Admin Client – H.264: Max. 10 Clients			
Camera Control		Administrator, Authorized user, Guest user [level of control varies depending on user], Max. 50 user names and passwords registered for authorized users.			
Access Control		User authority (user name and password), Host Access Restrictions [IPv4, IPv6]			
Encrypted Communications		SSL/TLS, IPsec [Auto Key Exchange/Manual]			
Protocol		IPv4: TCP/IP, UDP, HTTP, FTP, SNMP [MIB2], SMTP [Client], DHCP [Client], DNS [Client], ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP [Canon proprietary], ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP [Client], DHCPv6 [Client], DNS [Client], ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP [Canon proprietary], ONVIF 6.711 μ-law [64 kbps]			
Audio Compression Method		Full-duplex (two-way) – Echo cancellation function compliant. Sound Transfer Protocol by Canon			
Audio Communication Method		Number of registration: Max. 8 places, Number of mask colors: 1 [select from 9 colors]			
Privacy Mask		-			
View Restriction		Available			
Intelligent Function		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			
Image Upload		FTP/HTTP/SMTP [e-mail] Temporary storage memory in camera: Max. approx. 5 MB; Frame Rate: Max. 10 fps [JPEG], Max. 30 fps [H.264]			
Event Notification		HTTP/SMTP [e-mail]			
On-Screen Display		Available			
Language		German/English/Spanish/French/Italian/Chinese [Simplified]/Japanese			
Network Terminal		LAN x 1 [RJ45, 100Base-TX [auto/full-duplex/half-duplex]]			
Audio Input Terminal (common for LINE IN & MIC IN)		Φ3.5 mm mini-jack connector (monaural) Switch LINE IN/MIC IN in the setting page. LINE IN x 1 [connect to an amplifier microphone] or MIC IN x 1 [connect to a microphone w/o amplifier]			
Audio Output Terminal (LINE OUT)		Φ3.5 mm mini-jack connector (monaural) LINE OUT x 1 [connect to an amplifier speaker]			
External Device I/O Terminal		Input x 2, Output x 2			
Memory Card		SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible. Frame Rate: Max. 1 fps [JPEG], Max. 30 fps [H.264]			
Operating Environment		Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation)	Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation) Temperature: -30°C – +50°C (-22°F – +122°F), Humidity: 5% – 85% (without condensation)* * Equipped with separately sold Heater Unit HU600-VB	Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation)	Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 85% (without condensation)
Power Supply		PoE: PoE power supply via LAN connector [IEEE802.3af compliant], AC Adapter: PA-V17 or PA-V18 [100 – 240 V AC] [sold separately], External power source: 24 V AC/12 V DC – Heater Unit HU600-VB [sold separately]: 24 V AC only [only applicable to VB-H630VE]			
Dimensions		Φ x H) Φ132 x 155 mm – Camera only (height when camera is placed horizontally, excluding Ceiling Bracket)	Φ x H) Φ180 x 147 mm	Φ x H) Φ186 x 140 mm	[H x W x D] 65 x 80 x 192 mm
Impact Resistance		-	External materials: aluminum alloy, Dome: polycarbonate plastics IK10 compliant – With lens shock absorbing mechanism – Estimated shock resistant: 50 J (based on Canon's test method)	-	-
Dust-resistant/Waterproof Specification		-	IP66 compliant [IEC60529] – Only applies if properly installed and adequately waterproofed	-	-

*1 [W]: maximum wide angle, [T]: maximum telephoto

INSTALLATION EXAMPLES (3rd Party Custom Mounting Bracket Sold Separately)



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Delighting You Always

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