



# Canon

Delighting You Always

## Surveillance Supremacy In Spaces That Matter



180° tilt  
360° pan

IDEAL FOR OUTDOOR APPLICATION

30x optical zoom  
20x digital zoom  
Max Speed @ 450°/sec

### LOCKDOWN YOUR TARGET WITH **VB-R10VE/ VB-R11VE**

Outdoor ready with operational temperature from **-50°C to 55°C**, **extensive weatherproofing and environmental protection**, suitable for use in any demanding outdoor application.

VB-R10VE: no I/O interface, does not support audio related functions.

1.3M	360-degree Revolving	All Weather Model	Auto Tracking	Drag to Move	Area Zoom	DiGiC NET II	DiGiC DV III	Image Stabilization
Auto Day/Night	ADSR	Power Focus	Preset Tours	Linked Event	Intrusion detection	Scream Detection	Privacy Mask	Intelligent Function
Impact Resistance	IK10	IP66	AC DC PoE	PoE+	H.264	SD Card	CCMT	

IDEAL FOR INDOOR APPLICATION

**VB-R11**

Enhance your vigilance with newly added **autotracking, scream & intrusion detection**. Zoom in to watch every angle with up to **600x zoom** and **high speed 360° endless pan**.

1.3M	360-degree Revolving	Drag to Move	Area Zoom	DiGiC NET II	DiGiC DV III	Image Stabilization
Auto Day/Night	ADSR	Power Focus	Preset Tours	Linked Event	Intrusion detection	Scream Detection
Privacy Mask	Intelligent Function	AC DC PoE	H.264	SD Card	CCMT	

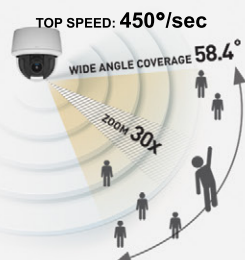


### KEY FEATURES

#### 01 PRECISION MONITORING WITH UP TO 600X MAGNIFICATION

- Each Pan/Tilt movement is finely divided and controlled by micro-step driving from Canon SR encoder to enable high precision movement at any angle.
- 30x IR Corrected High UD Optical Zoom Lens with Auto-Flip, Auto Focus & 20x Digital Zoom**

WIDE ANGLE COVERAGE  
**58.4°**  
UP TO 256 PRESETS  
**360°**  
ENDLESS PAN



#### 02 EXCELLENT LOW-LIGHT PERFORMANCE

- High sensitivity CMOS sensor with bigger pixel size to capture more light
- Bright f/1.4 lens and renowned DIGIC image processor to reproduce high quality image with faithful color.

MINIMUM SUBJECT ILLUMINATION  
**0.002 LUX**  
(MONOCHROME)  
**0.03 LUX**  
(COLOUR)  
**1.3** MEGAPIXEL  
HIGH SENSITIVITY CMOS



#### 03 NEW ADDED FEATURES

- Haze Compensation to enhance visibility of image captured under challenging condition
- Area Specific Data Size Reduction (ADSR) Technology to empower user's control on bandwidth and image quality at specific areas
- Proactive surveillance with inbuilt intrusion, auto-tracking and scream detection

#### HAZE COMPENSATION

INTELLIGENT DETECTION

ADSR



Business *Can* be simple

# SPECIFICATIONS

	VB-R10VE	VB-R11VE	VB-R11
<b>Image Sensor</b>	1/3 type CMOS (primary color filter)		
<b>Number of Effective Pixels</b>	Approx. 1.3 million pixels		
<b>Scanning Method</b>	Progressive		
<b>Lens</b>	30x optical zoom (20x digital zoom) lens with auto focus		
<b>Focal Length</b>	4.4[W] – 132mm [T] [W: Maximum Wide Angle, T: Maximum Telephoto]		
<b>F-number</b>	F1.4 [W] – F4.6 [T]		
<b>Viewing Angle</b>	<b>For 16:9 aspect ratios</b>	Horizontal: 58.4° [W] – 2.1° [T], Vertical: 34.1° [W] – 1.2° [T]	
	<b>For 4:3 aspect ratios</b>	Horizontal: 58.4° [W] – 2.1° [T], Vertical: 45.0° [W] – 1.6° [T]	
<b>Min. Subject Illumination</b>	<b>Day Mode (color):</b>	0.03 lux [F1.4, shutter speed 1/30 sec., when smart shade control is off, 50IRE]	
	<b>Night Mode (B&amp;W):</b>	0.002 lux [F1.4, shutter speed 1/30 sec., when smart shade control is off, 50IRE]	
<b>Focus</b>	Auto/One-shot AF/Manual/Fixed at infinity		
<b>Shooting Distance (from front of lens)</b>	<b>Day Mode:</b>	0.3 m [12 in.] – infinity [W], 2.0 m [6.6 ft.] – infinity [T]	
	<b>Night Mode:</b>	1.0 m [3.3 ft.] – infinity [W], 2.0 m [6.6 ft.] – infinity [T]	
<b>Shutter Speed</b>	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.		
<b>Exposure</b>	Auto/Auto (Flickerless)/Auto (Shutter-priority AE)/Manual (Shutter Speed, Aperture, Gain)		
<b>White Balance</b>	Auto/Light Source/Manual Light Source: Daylight Fluorescent/White Fluorescent/Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogen Lamp, Manual: One-shot WB/R Gain/B Gain		
<b>Metering Mode</b>	Center-Weighted/Average/Spot		
<b>Haze Compensation</b>	Auto/Manual/Disable, Auto: 3 levels, Manual: 7 levels		
<b>Pan Angle Range</b>	360° continuous panning		
<b>Tilt Angle Range</b>	180° [ceiling-mounted position: 0° – 180°] [When the horizontal direction of the camera is 0°]		
<b>Moving Speed</b>	Pan: Max. 450°/sec. Tilt: Max. 450°/sec.		
<b>Frame Rate</b>	JPEG: 0.1 – 30 fps, H.264: 1/2/3/5/6/10/15/30 fps – Values represent streaming performance from the camera. The frame rate may be reduced due to Viewer computer's specs, the number of clients accessing at the same time, network loads, video quality setting, type or movement of the subject or other reasons. Maximum frame rate when used in the following combinations: 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 960) simultaneously: 15 fps		
<b>Simultaneous Client Access</b>	Max. 30 Clients + 1 Admin Client – H.264: Max. 10 Clients		
<b>Bit Rate Control</b>	Target Bit Rate: 64/128/256/384/512/768/1024/2048/3072/4096/6144/8192/10240/12288/14336/16384 kbps		
<b>ADSR: Area-specific Data Size Reduction</b>	Number of Specified Areas: Max. 8 areas		
<b>Security</b>	Camera Control: Administrator, Authorized user, Guest user (level of control varies depending on user) Access Control: User authority (user name and password), Host Access Restrictions (IPv4, IPv6) IEEE802.1X: EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP Encrypted Communications: SSL/TLS, IPsec		
<b>Protocol</b>	IPv4: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (Client), DHCP (Client), DNS (Client), mDNS, ARP, ICMP, POP3 (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), AutoIP, RTP/RTCP, RTSP, SSL/TLS, IPsec, WV-HTTP (Canon proprietary), ONVIF (Profile S, Profile G) IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), mDNS, ICMPv6, POP3 (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), RTP/RTCP, RTSP, SSL/TLS, IPsec, WV-HTTP (Canon proprietary), ONVIF (Profile S, Profile G)		
<b>Audio Compression Method</b>	-	G.711 μ-law (64 kbps)	
<b>Audio Communication Method</b>	-	Full-duplex (two-way) – Echo cancellation function compliant RTP, Sound Transfer Protocol by Canon	
<b>Audio File Playback</b>	-	Available [audio files can be played back when an event is triggered by the intelligent function or external device input] – A third-party amplifier speaker is necessary	
<b>Preset</b>	Number of registers: Max. 256 positions [+Home Position] Items to Reg.: Pan/Tilt/Zoom, Exposure, Smart Shade Control, Focus, White Balance, Video Quality Adjustment, Day/Night, Haze Compensation, Number of Preset Tour Route: Max. 5		
<b>Intelligent Function (Video)</b>	Detection Types: Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, Intrusion Detection, and Auto Tracking. Detection Setting: Max. 15		
<b>Intelligent Function (Audio)</b>	-	Volume Detection, Scream Detection	
<b>Event Trigger Type</b>	Intelligent Function (Video), Timer, Day/Night Switch	External Device Input, Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Switch Number of Linked Events: 2, Linked Event Conditions: AND, OR (whether or not there is a sequence to events)	
<b>Image Upload</b>	FTP/HTTP/SMTP (e-mail)		
<b>Event Notification</b>	HTTP/SMTP (e-mail)		
<b>Viewer</b>	Camera-side: Admin Viewer & VB Viewer, Client-side: RM-Lite Viewer		
<b>Admin Tools</b>	Privacy Mask Setting Tool, Panorama Creation Tool, View Restriction Setting Tool, Intelligent Function Setting Tool, Log Viewer, Recorded Video Utility		
<b>Included Software</b>	Camera Management Tool, RM-Lite, Proxy Authentication Admin Tools/Admin ViewerCamera		
<b>Network Terminal</b>	LAN x 1 [RJ45, 100Base-TX (auto/full-duplex/half-duplex)]		
<b>Audio Input Terminal (common for LINE IN &amp; MIC IN)</b>	-	Φ3.5 mm (Φ0.14 in.) mini-jack connector (monaural), LINE IN (connect to an amplifier microphone) or MIC IN (connect to a microphone w/o amplifier) – Switch LINE IN/MIC IN in the setting page.	
<b>Audio Output Terminal (LINE OUT)</b>	-	Φ3.5 mm (Φ0.14 in.) mini-jack connector (monaural), LINE OUT (connect to an amplifier speaker)	
<b>External Device I/O Terminal</b>	Input x 2, Output x 2		
<b>Memory Card</b>	SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible. Recorded Content: Log, Video (Event, Manual, ONVIF, Timer, Upload) Frame Rate: Max. 1 fps (JPEG), Max. 30 fps (H.264)		
<b>Operating Environment</b>	Operating Temperature Range (including direct sun exposure) AC: -50°C – +55°C (-58°F – +131°F), PoE+: -35°C – +55°C (-31°F – +131°F), DC, PoE-: -10°C – +55°C (+14°F – +131°F) Start-up Temperature Range (including direct sun exposure) AC, PoE+: -30°C – +55°C (-22°F – +131°F), DC, PoE-: -10°C – +55°C (+14°F – +131°F) Humidity: 5% – 85% (without condensation)		Temperature AC, DC, PoE-: -10°C – +50°C (+14°F – +122°F) Humidity 5% – 85% (without condensation)
<b>Storage Environment</b>	Temperature: -30°C – +60°C (-22°F – +140°F), Humidity: 5% – 90% (without condensation)		
<b>Power Supply</b>	PoE: PoE power supply via LAN connector [IEEE802.3at Type1 Class 0/Type2 Class 4 compliant] AC Adapter: PA-V18 (100 – 240 V AC) (sold separately), External power source: 24 V AC/12 V DC		PoE: PoE power supply via LAN connector [IEEE802.3at Type1 Class 0 compliant] AC Adapter: PA-V18 (100 – 240 V AC) (sold separately) External power source: 24 V AC/12 V DC
<b>Power Consumption</b>	PoE+: Max. approx. 20.8 W*1, PoE: Max. approx. 10.1 W*2 AC Adapter PA-V18: Max. approx. 12.7 W (100 V AC), Max. approx. 12.8 W (240 V AC) DC: Max. approx. 11.0 W, AC: Max. approx. 33.2 W *1 Class 4 power sourcing equipment (requests 30.0 W) *2 Class 0 power sourcing equipment (requests 15.4 W)		PoE: Max. approx. 9.5 W* AC Adapter PA-V18: Max. approx. 9.6 W (100 V AC), Max. approx. 9.8 W (240 V AC) DC: Max. approx. 8.8 W, AC: Max. approx. 9.2 W * Class 0 power sourcing equipment (requests 15.4 W)
<b>Dimensions (camera only)</b>	Φ x H) Φ229 x 324 mm [Φ9.02 x 12.76 in.]	Φ x H) Φ229 x 324 mm [Φ9.02 x 12.76 in.]	Φ x H) Φ199 x 199 mm [Φ7.83 x 7.83 in.]
<b>Weight</b>	Approx. 3420 g [7.54 lb.]	Approx. 3530 g [7.79 lb.]	Approx. 1990 g [4.39 lb.]
<b>Impact Resistance</b>	IK10 [20J]		-
<b>Dust-resistant/Waterproof Specification</b>	IP66 rated		-

## COMPATIBLE ACCESSORIES:



**AC Power Supply,**  
PA-V18 for  
VB-R10VE/R11VE & VB-R11



**Smoked Dome Unit,**  
DU10-S-VB for  
VB-R10VE/11VE & VB-R11



**Ceiling Mounting Kit,**  
CM10-VB for  
VB-R10VE/R11VE



**Wall Mounting Kit,**  
WM10-VB for  
VB-R10VE/11VE



**1.5inch Pipe Adapter,**  
PA10-15-VB for  
VB-R10VE/11VE



**Pendant Mounting Kit,**  
PC640-VB for  
VB-R11



**Recessed Mounting Kit,**  
SR11-S-VB for  
VB-R11



**Plenum Mounting Kit,**  
SR11-P-VB for  
VB-R11

## FOR FULL SPECIFICATIONS, PLEASE REFER TO OUR WEBSITE

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### DEALER'S STAMP

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