

VB-R11

INDOOR SPEED DOME NETWORK CAMERA

ITEM CODE: 0306C001

OVERVIEW

Canon's VB-R11 is ideal for indoor environments requiring maximum visual coverage and sharp images even in low light. Its 360° continuous rotation, 30x Optical Zoom, 58.4° angle of view, 180° tilting with automatic image flipping, and 450° per second high-speed precision pan/tilt mechanism provide accurate tracking and monitoring without any stop points. For added flexibility the VB-R11 can also be placed into an optional outdoor housing, further expanding the markets and applications this camera can be used in.

KEY FEATURES



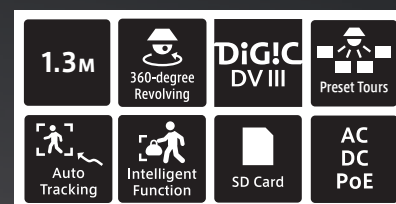
- 360° Endless Panning with Fast, Accurate Pan/Tilt Mechanism
- 30x Optical Zoom with High Ultra-Low Dispersion Lens Elements
- Moving Subject Auto Tracking with Auto Zoom
- 1.3 Megapixel High-Sensitivity CMOS Sensor with Exceptional Low-Light Performance
- Advanced DIGIC DV III Image Processor to help Maximize Image Quality
- Haze Compensation, Smart Shade Control and Auto Gain Control Limit
- Area-Specific Data Size Reduction (ADSR) to Maintain Video Quality in Important Areas While Reducing Bandwidth Usage
- 256 Preset Positions with Up to 5 Preset Tour Routes
- On-Board Video Analytics and Versatile Functions
- Powerful DIGIC NET II Processor allows for Simultaneous Streaming of M-JPEG and H.264 in Multiple Resolutions
- Built-in SD Card Slot
- Multiple Power Options: 12 VDC, 24 VAC, and PoE
- ONVIF Profile S / Profile G Conformant
- Operating Temperature Range:
AC, DC, PoE: +14°F – +122°F (-10°C – +50°C)



ONVIF® | S | G

RECOMMENDED MARKETS

- Industrial & Utilities
- Military & Government
- Airports & Transportation
- Retail
- Casino and Gaming



Select images shown with optional accessories

SPECIFICATIONS

(The chart below contains an abbreviated list of specifications
— for a complete list visit: networkcameras.usa.canon.com)

		VB-R11 ITEM CODE: 0306C001
CAMERA	IMAGE SENSOR	1/3" CMOS (RGB)
	NUMBER OF EFFECTIVE PIXELS	Approx. 1.3 million pixels
	LENS	30x optical zoom lens with auto focus
	FOCAL LENGTH	4.4 (W) - 132 mm (T)
	F-NUMBER	F1.4 (W) - F4.6 (T)
	HORIZONTAL VIEWING ANGLE	58.4° (W) - 2.1° (T)
	VERTICAL VIEWING ANGLE	34.1° (W) - 1.2° (T)
	DAY/NIGHT	Yes
	MIN. SUBJECT ILLUMINATION - DAY (COLOR)	0.03 lux (F1.4, shutter speed 1/30 sec.)
	MIN. SUBJECT ILLUMINATION - NIGHT (MONOCHROME)	0.002 lux (F1.4, shutter speed 1/30 sec.)
	SHUTTER SPEED	1 - 1/16000 sec.
	SMART SHADE CONTROL	Auto/Manual/Disable Auto: 3 levels Manual: 7 levels
SERVER	VIDEO COMPRESSION METHOD	MJPEG, H.264
	VIDEO SIZE	MJPEG, H.264: 1280 x 720, 640 x 360, 320 x 180, 1280 x 960, 640 x 480, 320 x 240
	MAXIMUM FRAME RATE	1280 x 960 : 30fps
	ONVIF VERSION	Profile S, Profile G
	IPv4 PROTOCOL	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), AutolP, RTP/RTCP, RTSP, SSL/TLS, IPsec, WV-HTTP (Canon proprietary), ONVIF (Profile S, Profile G)
	IPv6 PROTOCOL	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)
	AUDIO COMMUNICATION METHOD	Full-duplex (two-way) - Echo cancellation function compliant RTP, Sound Transfer Protocol by Canon
	PRESETS	Number of registers: Max. 256 positions Number of Preset Tour Route: Max. 5
	INTELLIGENT FUNCTION - VIDEO	Detection Types: Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, Intrusion Detection and Auto Tracking
INTERFACE	INTELLIGENT FUNCTION - AUDIO	Volume Detection, Scream Detection
	NETWORK TERMINAL	RJ45 100Base-TX (auto/full-duplex/half-duplex)
	AUDIO INPUT TERMINAL	ø3.5 mm mini-jack connector (mono)
	AUDIO OUTPUT TERMINAL	ø3.5 mm mini-jack connector (mono)
	EXTERNAL DEVICE I/O TERMINAL	Input x 2, Output x 2
	MEMORY CARD TYPE	SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible
OPERATING ENVIRONMENT	TEMPERATURE	AC, DC, PoE: +14°F - +122°F (-10°C - +50°C)
POWER SUPPLY	PoE	IEEE802.3af Class 0
	EXTERNAL POWER SOURCE	24 VAC/12 VDC
MAXIMUM POWER CONSUMPTION	WITH PoE	9.5 W
	WITH 12 VDC	8.8 W
	WITH 24 VAC	9.2 W
OTHER	DIMENSIONS	(ø x H) ø7.83 x 7.83 in. (ø199 x 199 mm)
	WEIGHT	Approx. 4.39 lb. (1990 g)
	OUTDOOR READY	No
	VANDAL RESISTANT	No

RECOMMENDED ACCESSORIES



Recessed Mounting Kit
SR11-S-VB
Item Code: 0714C001



Pendant Mounting Kit
PC640-VB
Item Code: 0719C001



Tinted Capsule
DU10-S-VB
Item Code: 0721C001

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