

VB-M640V

VANDAL RESISTANT INDOOR FIXED DOME NETWORK CAMERA

ITEM CODE: 0311C001

OVERVIEW

The VB-M640V camera provides users with outstanding image clarity, top-notch performance, and reliability in an IK10 vandal resistant housing. The 111.5° ultra-wide angle of view lens and newly developed infrared corrected Canon 2.4x Optical Zoom lens with Super Ultra-Low Dispersion elements, combined with Canon's advanced DIGIC DV III Image Processor produce high-quality images in a variety of indoor lighting environments.

KEY FEATURES



- IK10 Vandal Resistant Enclosure
- Canon's Unique Remote Adjustment Function for Easy Post-Installation Changes to the Camera's Pan/Tilt/Rotation Angles and Zoom
- Canon 2.4x Optical Zoom Lens with 111.5° Angle of View
- 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
- Scheduled Custom Video Settings
- 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 microSD Card Slot
- ONVIF Profile S / Profile G Conformant
- PoE (Power over Ethernet)
- Operating Temperature Range:
PoE: +14°F – +122°F (-10°C – +50°C)

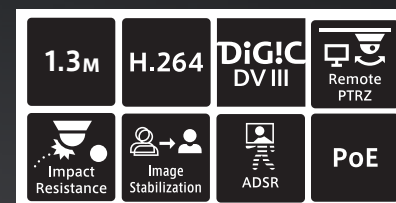
This model is also available with Audio and I/O Support and additional power options including 24 VAC / 12 VDC as the **VB-M641V** (see specifications for this product on back page).



ONVIF® | S | G

RECOMMENDED MARKETS

- Industrial & Utilities
- Military & Government
- Airports & Transportation
- Retail
- Education
- Commercial Offices



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-M641V ITEM CODE: 0309C001	VB-M640V ITEM CODE: 0311C001
CAMERA	IMAGE SENSOR	1/3" CMOS (RGB)	
	NUMBER OF EFFECTIVE PIXELS	Approx. 1.3 million pixels	
	LENS	2.4x optical zoom lens (electric drive)	
	FOCAL LENGTH	2.55 (W) – 6.12mm (T)	
	F-NUMBER	F1.2 (W) – F1.8 (T)	
	HORIZONTAL VIEWING ANGLE	111.5° (W) – 46.2° (T)	
	VERTICAL VIEWING ANGLE	60.5° (W) – 25.9° (T)	
	DAY/NIGHT	Yes	
	MIN. SUBJECT ILLUMINATION - DAY (COLOR)	0.02 lux (F1.2, shutter speed 1/30 sec.)	
	MIN. SUBJECT ILLUMINATION - NIGHT (MONOCHROME)	0.001 lux (F1.2, 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), AutoIP, 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	N/A
	PRESETS	Number of registers: Max. 20 digital positions Number of Digital Preset Tour Routes: Max. 1	
	INTELLIGENT FUNCTION - VIDEO	Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, and Intrusion Detection	
	INTELLIGENT FUNCTION - AUDIO	Volume Detection, Scream Detection	N/A
INTERFACE	NETWORK TERMINAL	RJ45 100Base-TX (auto/full-duplex/half-duplex)	
	AUDIO INPUT TERMINAL	ø3.5 mm mini-jack connector (mono) use the included interface cable	N/A
	AUDIO OUTPUT TERMINAL	ø3.5 mm mini-jack connector (mono) use the included interface cable	N/A
	EXTERNAL DEVICE I/O TERMINAL	Input x 2, Output x 2	N/A
	MEMORY CARD TYPE	microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card Compatible	
	TEMPERATURE	AC, DC, PoE: +14°F – +122°F (-10°C – +50°C)	PoE: +14°F – +122°F (-10°C – +50°C)
OPERATING ENVIRONMENT	PoE	IEEE802.3af Class 0	
POWER SUPPLY	EXTERNAL POWER SOURCE	24 VAC/12 VDC	
	WITH PoE	8.4 W	
MAXIMUM POWER CONSUMPTION	WITH 12 VDC	8.7 W	N/A
	WITH 24 VAC	8.1 W	N/A
	DIMENSIONS	(ø x H) ø5.91 x 5.08 in. (ø150 x 129 mm)	
OTHER	WEIGHT	Approx. 1.97 lb. (890 g)	Approx. 1.95 lb. (880 g)
	OUTDOOR READY	No	
	VANDAL RESISTANT	Yes	

RECOMMENDED ACCESSORIES



Recessed Mounting Kit
SR640-S-VB
Item Code: 0715C001



Wall Bracket Kit
A-SWD5ZWB600
Item Code: 2178V433



Tinted Capsule
DU640-S-VB
Item Code: 0722C001

1-800-OK-CANON | networkcameras.usa.canon.com

©2016 Canon U.S.A., Inc. All rights reserved. Not responsible for typographical errors. Some of the images and effects are simulated. Canon and DIGIC are registered trademarks of Canon Inc. in the United States and may also be trademarks or registered trademarks in other countries. "ONVIF" and "Onvif" are trademarks of ONVIF Inc.
UPDATED 6/16

