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).



RECOMMENDED MARKETS

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

1.3м	H.264	Di G!C DV III	Remote PTRZ
Impact Resistance	A→▲ Image Stabilization	ADSR	ΡοΕ

Select images shown with optional accessories



IMAGE SENSOR I/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 F12 (W) - F18 (T) HORIZONTAL VIEWING ANGLE 111.5* (W) - 46.2* (T) VERTICAL VIEWING ANGLE 0.05* (W) - 25.9* (T) DAY/NIGHT Yes MIN. SUBJECT ILLUMINATION - DAY (COLOR) 0.02 lux (F1.2, shutter speed 1/30 sec.) SHUTTER SPEED 1 - 1/16000 sec. SHUTTER SPEED 1 - 1/16000 sec. VIDEO COMPRESSION METHOD MIPEG, H.264 : 1280, x720, 640 x 360, 320 x 180 VIDEO SIZE MIPEG, H.264 : 1280, x720, 640 x 360, 320 x 180 ONVIF VERSION Profile S, Profile G ONVIF VERSION TCP/IP, UDP, HTTP, FTP, SMMP (MIB2), SMTP (Client), DNS, Client), mDNS, ARP, ICMP, PDP IPv4 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMMP (MIB2), SMTP (Client), DNS (Client), mDNS, ARP, ICMP, PDP IPv4 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMMP (MIB2), SMTP (Client), DNS (Client), mDNS, ARP, ICMP, PDP IPv4 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMTP (MIB2), SMTP (Client), DNS (Client), mDNS, ARP, ICMP, PDP IPv4 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, APP, ICMP, PDP IPv4 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, APP, ICMP, POS SCIENT, TLS, IPSeC, WV+HTTP (Client), DNS (Client)	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	
NUMER OF EFFECTIVE PXELS Approx.13 million paids LENS 2.4 optical zoon line (electric drive) FOCAL LENGTH 2.25 (yr) - 61 zm (T) FNUMBER FIGURA (some include train of the second construction (electric drive) FOCAL LENGTH 2.25 (yr) - 61 zm (T) HORZONTAL VEXIMA SNOLE EDIS '(yr) - 62 zm (T) WERTON FERDING AND E EDIS '(yr) - 62 zm (T) MIN SUBJECT LLUMMATION - DAY (COLDR) EDIS tw (FL2, sharter speed 1/30 sec.) MIN SUBJECT LLUMMATION - NORT (COLDR) EDIS tw (FL2, sharter speed 1/30 sec.) SHUTTER SPEED -1 / VICOUS sec. SHUTER SPEED -1 / VICOUS sec. SHUTER SPEED -1 / VICOUS sec. SHUTER SPEED -1 / VICOUS sec. MIN SUBJECT LLUMMATION - NORT (MONCO FOME) MORE (L2 ad Actor) since in the speed 1/30 sec. SHUTER SPEED -1 / VICOUS sec. MIN SUBJECT LLUMMATION - NORT (COLDR) MARC (L2 ad Actor) since in the speed 1/30 sec. MIN SUBJECT LLUMMATION - NORT (COLDR) MARC (L2 ad Actor) since in the speed 1/30 sec. MINE COLDRATES SECON TROL MARC (L2 ad Actor) since in the speed 1/30 sec. MINE COLDRATES SECON TROL MARC (L2 ad Actor) since in the speed 1/20 sec.			1/3" CMOS (PCR)		
LBNS 2-4x optical zoon lens (electric drive) FOCAL LENGTH 255(9)(-1-632m)(T) FOCAL LENGTH 255(9)(-452m)(T) FOCAL LENGTH 255(9)(-452m)(T) FOCAL LENGTH 1057(9)-452m)(T) FOCAL LENGTH 1057(9)-452m)(T) FOCAL LENGTH 1057(9)-452m)(T) DAY,MIGHT Yes MIN SUBJECT LLUMIARTON NORT/COLOR) 0.001 km (F12, shurter speed) /30 sec.) SUBJECT LLUMIARTON NORT/COLOR) 0.001 km (F12, shurter speed) /30 sec.) SUBJECT LLUMIARTON NORT/COLOR) 0.001 km (F12, shurter speed) /30 sec.) SUBJECT LLUMIARTON NORT/COLOR) 0.001 km (F12, shurter speed) /30 sec.) SUBJECT LUMIARTON MARCHARTER speed) VIED COMPRESSION METHOD MIPEQ (F24, 1260 xr 20, 660 x 30, 220 x 180) VIED COMPRESSION METHOD MIPEQ (F24, 1260 xr 20, 660 x 30, 220 x 180) VIED COMPRESSION METHOD MIPEQ (F24, 1260 xr 20, 660 x 40, 320 x 200 x 180) VIED COMPRESSION METHOD MIPEQ (F24, 1260 xr 20, 670 xr 400 xr 20, 670 xr 400 xr	CAMERA				
FOCAL LENGTH 255 (W) = 612mm (T) F-NUMBER F12 (W) = 422 (T) F-NUMBER F12 (W) = 422 (T) VERTICAL VENING ANGLE F13 (W) = 422 (T) DW/WEH WES MIN SUBJECT ILLUMNATION - DAY (CO.SR) 0.001 kb (F2, 3) dister speed (V30 sec.) SUBTINE SPEED 1 - V/SE00 sec.) MARKER SPEED SPEED 1 - V/SE00 sec.) VIDED COMPRESSION METHOD MIPEG (F1 264 MBP 270 CB 40 × 30 30 × 100 TB 40 × 40 × 20 × 20 × 20 × 20 × 20 × 20 ×					
FAUMRER FAUMRER FI2 (M) - FI8 (T) CAMERA PRIZONTAL VIEWING ANGLE (III) TW) - 62 °(T) (III) TW) - 62 °(T) DAY, NIGHT WERT CLAURENING ANGLE (III) TW) - 62 °(T) (III) TW) - 62 °(T) DAY, NIGHT WERT CLAURENING ANGLE (III) TW) - 62 °(T) (III) TW) - 62 °(T) DAY, NIGHT WERT CLAURENING ANGLE (III) TW) - 62 °(T) (III) TW) - 62 °(T) MIN SUBJECT LLUMINATION - NOW (COLOR) (IIII) TW - 62 °(T) (IIII) TW) - 62 °(T) (IIII) TW) - 62 °(T) SHUTTER SIFED IIIII TW - 62 °(T) (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					
CAMERA HORECONTAL VERVING ANGLE III 5 (W) - 452° (T) VERTICAL VERVING ANGLE 0.03 km (F) 2.5 vm (T) 0.02 km (F) 2.5 vm (T) DBM/YNHET VERTICAL VERVING ANGLE 0.02 km (F) 2.5 vm (T) 0.02 km (F) 2.5 vm (T) DBM/YNHET 0.02 km (F) 2.5 vm (T) 0.02 km (F) 2.5 vm (T) 0.02 km (F) 2.5 vm (T) MIN SUBJECT LLUMINATION - NOIGHT (MONOCHROME) 0.00 km (F) 2.5 vm (T) 0.00 km (F) 2.5 vm (T) SHART SHADE CONTROL Auto 3 tw (F) 2.5 vm (T) Auto 3 tw (F) 2.5 vm (T) VIDEO COMPRESSION ME THOD MERG (1.2 km (T) 2.5 vm (T)		F-NUMBER			
VENIOL PENNONANCE 000 (V/ 2-3) (1) DAY/NEHT Vis MIN.SUBJECT LULAINATION - DAY (COLDR) 0.02 lux (FL2, whiter speed (720 sec.) SHUTTER SPEED 0.00 lux (FL2, whiter speed (720 sec.) SHUTTER SPEED 1- 1/6000 sec. SHUTTER SPEED 1- 1/6000 sec. SHUTTER SPEED Autor Manal/Diable Autor Manal/Diable Autor Manal/Diable Autor Manal/Diable Autor Manal/Diable Autor Manal/Diable Autor Manal/Diable MINEGLIZER VIDEO COMPRESSION METHOD VIDEO SIZE MIEGLIZER SPEED OWF VERSION Poofile S, Poofile S OWF VERSION Poofile S, MIER CHLINER, NARE IFV-PROTOCOL TCP/IP LUDP HTTP FTP SMP (MIED), SMTP AUTIN, Autor MPO POIL IFV-PROTOCOL TCP/IP LUDP HTTP FTP SMP (MIED), SMTP AUTIN, Autor MPO POIL IFV-PROTOCOL TCP/IP LUDP HTTP FTP SMP (MIED) DHCP-64 (Cleert), DNS (Cleert), DNS (PooFile S, Porile S) IFV-PROTOCOL TCP/IP LUDP HTTP FTP SMP (MIED) SMTP AUTIN, PTPCR FTPS SSTL SS (MIELINGEN TEXTURE) IFV-PROTOCOL TCP/IP LUDP HTTP FTP SMP (MIED) DHCP-64 (Cleert), DNS (Cleert), DNS (PooFile S, Porile S) IFV-PROTOCOL TCP/IP LUDP HTTP		HORIZONTAL VIEWING ANGLE			
MIN. SUBJECT ILLUMINATION - DAY (COLOR) 0.00 lux (F12, shutter speed 1/30 sec) MIN. SUBJECT ILLUMINATION - NGHT MONOCROME) 0.00 lux (F12, shutter speed 1/30 sec) SHUTTER SPEED 0.01 L 1/ VIC00 sec. SMART SHADE CONTROL Manual / Desible MIN. SUBJECT ILLUMINATION - NGHT MONOCROME) Manual / Desible SMART SHADE CONTROL Manual / Desible MADUE / DEVIDE O COMPRESSION METHOD MARIEL / 200 / 400 / 300		VERTICAL VIEWING ANGLE	60.5° (W) – 25.9° (T)		
MIN. SUBJECT ILLUMINATION - NIGHT (MONOCHROME) 0.001 kx (F1.2 shutter speed / 39 sc.) SHUTTER SPEED 1-1/16000 sc. SMART SHADE CONTROL Auto/Auto/Auto/Deable Auto.3 levels VIDEO COMPRESSION METHOD MAREL 1280 x 720, 640 x 800, 320 x 80 VIDEO COMPRESSION METHOD MIPEG, H.244 VIDEO COMPRESSION METHOD MIPEG, H.244 VIDEO COMPRESSION METHOD MIPEG, H.244 x 720, 640 x 800, 320 x 80 VIDEO COMPRESSION METHOD MIPEG, H.244 x 720, 640 x 800, 320 x 400 MAMIMUM FRAME RATE 1280 x 960, 640 x 480, 320 x 400 IVER FRAME RATE 1280 x 960, 300 ps ORWYF VERSION CPC/IP UDP HTTP FTP SNMP (MIB2), SMTP (ICINE), DMS (Client), DMS (C		DAY/NIGHT	Yes		
SHUTTER SPEED 1 - 1/1000 sec. SMART SHADE CONTROL Auto/Manual/Tievels VIDEO COMPRESSION METHOD Matta Manual/Tievels VIDEO COMPRESSION METHOD MIPEC, H.264 VIDEO SIZE MIPEC, H.264 MAXIMUM FRAME RATE 1280 x 900, 300 x 800, 300 x 800 DRVF VERSION TCP/IP UDP HTTP FTP, SMMP (MIR2), SMTP (Client), DHS (Client), DHS (Client), DHS (ARP (CMP POP (Client), NTP (Client), DHC (Client), DHS (CHP OP DES (STLIS), PSec, WHTTP (Client), DHC PORTES, SMT (STLS), PSec, WHTTP (Client), DHC PORTES, SMT (STLS), PSec, WHTTP (Client), DHC PORTES, SMT (STLS), PSec, WHTTP (Client), DHS (Client), DHS (CMP OP DES (STLS), PSec, WHTTP (Client), DHS (DHP (STS), STLS), PSec, WHTTP (Client), DHS (DHP (STS), STLS), PSec, WHTTP (Client), DHS (STLS), SMT (STLS), PSec, WHTTP (Client), DHS (STLS), SMT (STLS), PSec, WHTTP (Client), DHS (STLS), SMT (STLS), S		MIN. SUBJECT ILLUMINATION - DAY (COLOR)	0.02 lux (F1.2, shutter speed 1/30 sec.)		
SMART SHADE CONTROL Auto/Manual/Discible Manual 7 levels VDEO COMPRESSION METHOD MIPEG, H.264 VDEO SZE MIPEG, H.264 VDEO SZE MIPEG, H.264 OVEV VERSION 1280 x 900, 6400 x 480, 320 x 240 MAXIMUM FRAME RATE 1280 x 900, 6400 x 480, 320 x 240 OVEV VERSION TCP/IP UDP HTTP FTP SMM (MIEC) OVEV VERSION TCP/IP UDP HTTP FTP SMM (MIEC) IPV4 PROTOCOL TCP/IP UDP HTTP FTP SMM (MIEC) IPV4 PROTOCOL TCP/IP UDP HTTP FTP SMM (MIEC) IPV6 PROTOCOL TCP/IP UDP HTTP FTP SMTP (Clemt), DMCF (Clemt), DMC (C		MIN. SUBJECT ILLUMINATION - NIGHT (MONOCHROME)	0.001 lux (F1.2, shutter speed 1/30 sec.)		
SHART SHADE CONTROL Adure 3 levels Manual: 7 levels Manual: 7 levels VIDEO COMPRESSION METHOD MIPEG, H.264 VIDEO SIZE MIPEG, H.264 (200, 30, 30, 30, 80) MAXIMUM FRAME RATE 1200 x 960, 640 (40, 30, 320 x 240) ONVF VERSION TCP/IP UDP HTTP FTP SMP (MIPL), SMTP Authonication (PCP Client), DNS, Client, mDNS, ARP (CMP. POP (Client), SMTP authonication (PCP before SMTP, SMTP-AUTH), AuthOP RTP/ATCP, RTSP, SSI TCP/IP UDP, HTTP, FTP, SMTP (MIPL), SMTP Authonication, POP before SMTP, SMTP-AUTH), AuthOP, RTP/ATCP, RTSP, SSI TCP/IP UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, ARP (CMP. POP (Client), SMTP authonication (PCP before SMTP, SMTP-AUTH), AUTHOP, RTP/ATCP, RTSP, SSI TCP/IP UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, ARP (CMP. POP (Client), SMTP authonication (PCP before SMTP, SMTP-AUTH), AUTHOP, RTP/ATCP, RTSP, SSI TCP/IP UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, CMP-60, PDP3 (Client), MTP (Client), SMTP authonication (PCP before SMTP, SMTP-AUTH), AUTH, RTP, SPS, SSI TCP/IP UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, CMP-60, PDP3 (Client), MTP (Client), SMTP authonication (PCP before SMTP, SMTP-AUTH), AUTH, RTP, SSI TCP/IP UDP, HTTP, FTP, SMTP (Client), DNS (Client), mDNS, CMP-60, PDP3 (Client), MTP (Client), SMTP authonication (PCP) before SMTP, SMTP-AUTH, RTP, SMTP, AUTH, RTP, SMTP, AU		SHUTTER SPEED	1 – 1/16000 sec.		
VIDEO SIZE MJPEG, H.264: 1280 × 720, 640 × 360, 320 × 180 1280 × 560, 640 × 480, 320 × 240 MAX.MUM FRAME RATE 1280 × 560, 540 × 480, 320 × 240 ONVIF VERSION Profile S, Profile G PV4 PROTOCOL TCP/IP UDP HTTP, FTP SNMP (MB2), SMTP Client), DMCP C(Client), DNS, ARP.ICMP POP (Client), MTP (Lient), SMTP duthentication (POP before SMTP SMTP-AUTH, RTP, RTP, RTSP, SSI, TLS, IPsec, WV HTTP (Canon proprietary), ONVIF (Profile S, Profile G) SERVER IPv4 PROTOCOL TCP/IP UDP HTTP, FTP SNMP (MB2), SMTP Client), DMS, ICMPv6, POP3 (Client), MIP Client), SMTP (Lient), DMCP-66 (Client), DNS, ICMPv6, POP3 (Client), MIP Client), SMTP ULINERT, STS, SJ, TLS, IPsec, W HTP (Client), SMTP Client), DMCP-66 (Client), DNS, ICMPv6, POP3 (Client), MIP Client), SMTP ULINERT, SSI, TLS, IPsec, W HTP (Client), SSI, TLS, IPSEC, W HTP (Clien		SMART SHADE CONTROL	Auto: 3 lévels		
VILEUSZE 1200 + 960, 640 x 480, 320 x 240 MAXIMUM FRAME RATE 1280 x 960; 30 /ps ONVIF VERSION Profile S IPv4 PROTOCOL TCP/IP UDP HTTP; FTP, SNMP (MIB2), SNTP (Client), DNS (Client), mDNS, ARP, ICMP, POP (Client), NTP (Client), SMTP (Client), DHCP (Client), DHS (Client), mDNS, ARP, ICMP, POP (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), AutoP, RTCP, RTSP, SSI, TLS, IPsex, WH-TTP (Canon propretary, IONVIF (Porfile S, Profile G) SERVER IPv6 PROTOCOL TCP/IP UDP HTTP; FTP, SMTP (Client), DHCV4 (Client), DNS (Client), mDNS, CMPv6, POP3 (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), RTP/RTCP, RTSP, SSI, /TLS, IPsex, WH-TTP (Canon propretary, IONVIF (Porfile S, Profile G) AUDIO COMMUNICATION METHOD FUE/Houplex (two-way) - ECho cancellation function NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), RTP/RTCP, RTSP, SSI, /TLS, IPsex, WH-TH, RTP/RTCP, RTSP, SSI, /TLS, IPsex, WH HTTP (Canon propretary, IONVIF (Porfile S, Profile G) AUDIO COMMUNICATION METHOD FUE/Houplex (two-way) - ECho cancellation function N/A INTELLIGENT FUNCTION - VADIO Volume Detection, Camera Tampering Detection, Routes MAX.1 INTELLIGENT FUNCTION - AUDIO Volume Detection, Camera Tampering Detection, Routes MAX.1 AUDIO INPUT TERMINAL e35 mm mini-jack connector (mono) use the included interface cable N/A AUDIO INPUT TERMINAL liputx 2 Outputx 2 N/A	INTERFACE	VIDEO COMPRESSION METHOD	MJPEG, H.264		
ONVIF VERSION Profile S, Profile G IPv4 PROTOCOL TCP/IP UDP, HTTP, FTP, SMMP (MIR2), SMTP (Client), DMS (Client), mDNS, ARP (CMP, PDP (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP, AutTh, Auto)PR RTP, RTCP, RTSP, SSI TLS, IPsec, WV-HTTP (Canon proprietary), ONVIF (Profile S, Profile G) SERVER IPv6 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMTP (Client), DMS, C(Elient), DNS, C(Elie		VIDEO SIZE			
SERVER TCP/IP.UDP, HTTP, FTP, SMMP (MIB2), SMTP (Client), DNS (Client), mDNS, ARP, ICMP, POP (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), Autoip RTP, RTCP, RTSP, SSI (Lient), NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), Autoip RTP, RTCP, RTSP, SSI (Lient), NTP (Client), SMTP (Client), DHC-V6 (Client), DNS (Client), mDNS, ICMP-6, POP3 (Client), NTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, TLS, IPsec, WI MTTP (Client), SMTP authentication (POP before SMTP, SMTP, AUTH), RTP, RTCP, RTSP, SSI, SSI, SSI, SSI, SSI, SSI, SSI, S		MAXIMUM FRAME RATE	1280 x 960 : 30fps		
IPv4 PROTOCOL IC(lent), NTP (Clent), SMTP authentication (POP before SMTP SMTP-AUTH), AutoIP, RTCP, RTSP, SSL SERVER IPv6 PROTOCOL TCP/IP, UDP, HTTP, FTP, SMTP (Clent), DMC (Client), DMS, ICMPv6, POP3 (Client), NTP (Client), SMTP AutTH), RTDP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Clant), DMC (Client), DMS, ICMPv6, POP3 (Client), NTP (Client), SMTP AutTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP AutTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP (Client), SMTP authentication (POP before SMTP, SMTP-AuTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP, Client), DMCP, MITP, AUTH, RTSP, SSL /TLS, IPsec, WITTP, Client), DMCP, MITP, AUTH, RTSP, SSL /TLS, IPsec, WITTP, Client), SMTP authentication (POP before SMTP, SMTP-AutTH), RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP, Client), DMCP, MITP, AUTH, RTSP, SSL /TLS, IPsec, WITTP, Client), DMCP, MITP, AUTH, RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP, AUTH, RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP, Client), DMCP, MITP, AUTH, RTP, RTCP, RTSP, SSL /TLS, IPsec, WITTP, AUTH, RTP, CLEAN, AUTH, AUDO (POWER, SOURCE AUTH), AUDIO INPUT TERMINAL AUDIO REATING		ONVIF VERSION	Profile S, Profile G		
IPv6 PROTOCOL NTP (Clent), SMTP authentication (POP before SMTP, SMTP-AUTH), RTP/RTCP, RTSP, SSL/TLS, IPsec, WI HTTP (Canon propretary), ONVIF (Profile S, Profile G) AUDIO COMMUNICATION METHOD Fuil-duplex (two-way) – Echo cancellation function compliant RTP, Sound Transfer Protocol by Canol 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, and Intrusion Detection INTELLIGENT FUNCTION - AUDIO Volume Detection, Scream Detection, Passing Detection, and Intrusion Detection INTERFACE AUDIO OUTPUT TERMINAL @35 mm mini-jack connector (mono) use the included interface cable N/A OPERATINGENVIRONMENT TEMPRATURE AC, DC, PoE: H4"F - H122"F (-10"C - +50"C) PoE: POWER SUPPLY EXTERNAL DEVICE (/O TERMINAL AC, DC, PoE: H4"F - H122"F (-10"C - +50"C) PoE: MAXIMUM POWERCONSUMPTION WITH 24 VAC 8.7 W N/A MAXIMUM POWERCONSUMPTION WEIGHT Approx. 197 Ib. (890 g) Approx. 195 Ib. (880 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)		
Abbio Columbinet Hindu compliant RTP, Sound Transfer Protocol by Canon I/V A PRESETS Number of registers: Max. 20 digital positions Number of Digital Preset Tour Routes: Max. 1 INTELLIGENT FUNCTION - VIDEO Moving Object Detection, Abadoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, and Intrusion Detection INTELLIGENT FUNCTION - AUDIO Volume Detection, Scream Detection N/A NETWORK TERMINAL R145 100Base-TX (auto/full-duplex/half-duplex) AUDIO INPUT TERMINAL 0:35 mm mini-jack connector (mono) use the included interface cable N/A EXTERNAL DEVICE I/O TERMINAL 0:35 mm mini-jack connector (mono) use the included interface cable N/A EXTERNAL DEVICE I/O TERMINAL 0:35 mm mini-jack connector (mono) use the included interface cable N/A POPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14*F - +122*F (-10°C - +50°C) PoE: +14*F - +122*F (-10°C - +50°C) POWER SUPPLY PoE IEEE802.3af Class 0 POE: +14*F - +122*F (-10°C - +50°C) POWER CONSUMPTION WITH PoE 8.4 W M/A MAXIMUM WITH PoE 8.7 W N/A MITH 2/VDC 8.7 W N/A WITH 2/4 VAC 8.1 W N/A DIMENSIONS (a x H) ø5.91 x 5.08 in. (al50 x 129 mm) WEIGHT Approx.197 Ib. (890 g) Approx.197 Ib. (890 g) <td>IPv6 PROTOCOL</td> <td colspan="2">NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), RTP/RTCP, RTSP, SSL/TLS, IPsec, WV-</td>		IPv6 PROTOCOL	NTP (Client), SMTP authentication (POP before SMTP, SMTP-AUTH), RTP/RTCP, RTSP, SSL/TLS, IPsec, WV-		
PRESETS 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, All Intrusion Detection INTELLIGENT FUNCTION - AUDIO Volume Detection, Scream Detection N/A NETWORK TERMINAL R145 100Base-TX (autor/full-duplex/half-duplex) AUDIO INPUT TERMINAL e3.5 mm mini-jack connector (mono) use the included interface cable N/A AUDIO OUTPUT TERMINAL 03.5 mm mini-jack connector (mono) use the included interface cable N/A MEMORY CARD TYPE microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card Compatible N/A OPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14°F - +122°F (-10°C - +50°C) PoE: +14°F - +122°F (-10°C - +50°C) POWER SUPPLY PoE EXTERNAL POWER SOURCE 24 VAC/12 VDC MMAXIMUM POWER CONSUMPTION WITH PoE 8.7W N/A WITH 12 VDC 8.7W N/A WITH 24 VAC 8.1W N/A MITH 24 VAC 8.1W N/A WITH 24 VAC 8.1W N/A WITH 24 VAC 8.1W N/A WITH 2		AUDIO COMMUNICATION METHOD	Full-duplex (two-way) – Echo cancellation function compliant RTP, Sound Transfer Protocol by Canon	N/A	
INTELLIGENT FUNCTION - NUCEO Camera Tampering Detection, Passing Detection, and Intrusion Detection INTELLIGENT FUNCTION - AUDIO Volume Detection, Scream Detection N/A 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 OPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14*F - +122*F (-10°C - +50°C) PoE: +14*F - +122*F (-10°C - +50°C) POWER SUPPLY PoE IEEE802.3af Class 0 EXTERNAL POWER SOURCE MAXIMUM POWER CONSUMPTION WITH PoE 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) WEIGHT Approx.197 lb. (890 g) Approx.195 lb. (880 g)		PRESETS			
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ADDIO INPOT TERMINAL use the included interface cable N/A INTERFACE AUDIO OUTPUT TERMINAL ø35 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 OPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14°F - +122°F (-10°C - +50°C) PoE: +14°F - +122°F (-10°C - +50°C) POWER SUPPLY PoE IEEE802.3af Class 0 POWER SUPPLY EXTERNAL POWER SOURCE 24 VAC/12 VDC MAXIMUM POWER CONSUMPTION WITH PoE 8.7 W N/A WITH 12 VDC 8.7 W N/A MITH 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 Ib. (890 g) Approx. 1.95 Ib. (880 g)		NETWORK TERMINAL			
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 OPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14°F - +122°F (-10°C - +50°C) PoE: +14°F - +122°F (-10°C - +50°C) POWER SUPPLY PoE EXTERNAL POWER SOURCE 24 VAC/12 VDC MAXIMUM POWER CONSUMPTION WITH PoE 8.7 W N/A 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. 197 Ib. (890 g) Approx. 195 Ib. (880 g)		AUDIO INPUT TERMINAL		N/A	
MEMORY CARD TYPE microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card Compatible OPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14°F - +122°F (-10°C - +50°C) PoE: +14°F - +122°F (-10°C - +50°C) Power SUPPLY PoE EXTERNAL POWER SOURCE Difference MAXIMUM POWER CONSUMPTION WITH PoE AC, DC, PoE: +14°F - +122°F (-10°C - +50°C) PoE: +14°F - +122°F (-10°C - +50°C) MAXIMUM POWER CONSUMPTION WITH PoE MITH PoE N/A MITH 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. 197 Ib. (890 g) Approx. 195 Ib. (880 g)				,	
OPERATING ENVIRONMENT TEMPERATURE AC, DC, PoE: +14°F - +122°F (-10°C - +50°C) PoE: +14°F - +122°F (-10°C - +50°C) POWER SUPPLY PoE IEEE802.3af Class 0 EXTERNAL POWER SOURCE 24 VAC/12 VDC WITH PoE WITH 12 VDC WITH 12 VDC 8.7 W WITH 24 VAC 8.1 W DIMENSIONS (ø x H) ø5.91 x 5.08 in. (ø150 x 129 mm) OTHER WEIGHT Approx. 1.97 lb. (890 g)		·			
PoE IEEE802.3af Class 0 EXTERNAL POWER SOURCE 24 VAC/12 VDC MAXIMUM POWER CONSUMPTION WITH PoE MITH 12 VDC 8.7 W WITH 24 VAC 8.1 W DIMENSIONS (ø x H) ø5.91 x 5.08 in. (ø150 x 129 mm) OTHER WEIGHT					
POWER SUPPLY EXTERNAL POWER SOURCE 24 VAC/12 VDC MAXIMUM POWER CONSUMPTION WITH PoE 8.4 W MITH 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)	OPERATING ENVIRONMENT				
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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)					
POWER CONSUMPTION WITH 24 VAC 6.7 W 19/ A WITH 24 VAC 8.1 W N/A DIMENSIONS (ø x H) ø5.91 x 5.08 in. (ø150 x 129 mm) WEIGHT Approx. 1.97 lb. (890 g) Approx. 1.95 lb. (880 g)	MAXIMUM POWER CONSUMPTION				
DIMENSIONS (ø x H) ø5.91 x 5.08 in. (ø150 x 129 mm) WEIGHT Approx. 1.97 lb. (890 g) Approx. 1.95 lb. (880 g)				,	
WEIGHT Approx. 1.97 lb. (890 g) Approx. 1.95 lb. (880 g)	OTHER				
OTHER AND A REPORT OF A					
VANDAL RESISTANT Yes			Yes		

RECOMMENDED ACCESSORIES







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

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