Network Camera

VB-M600D

you can

Intelligent megapixel dome covering all your high end security requirements.

The VB-M600D fixed dome camera offers 1.3 Megapixel with 100° field of view, superior low-light performance and embedded video content analytics. Ideal for indoor use, monitor and record 24 hours a day.

100 DEGREE FIELD OF VIEW
1.3 MP UP TO 30 FRAMES/SEC
H.264 AND MOTION JPEG
EMBEDDED ANALYTICS
SMART SHADE CONTROL

Key features

- Fixed dome camera 1.3 Megapixel CMOS sensor
- Canon DIGIC NET allows multiple video streams at 30 fps in M-JPEG & H.264 at 1280 x 960 pixels
- Low-light performance at 0.4 lux (colour) & 0.01 lux (B/W)
- Ultra wide-angle lens with field of view from 33.3° to 100° (F-number F1.2 to F2.0)
- Reduced installation time by remote lens zoom and pan / tilt setting
- Operating temperature: -10°C to 50°C
- Up to 15 embedded video content
- IR cut filter Day/Night Function
- Full duplex audio & external device connectivity
- ONVIF compliant
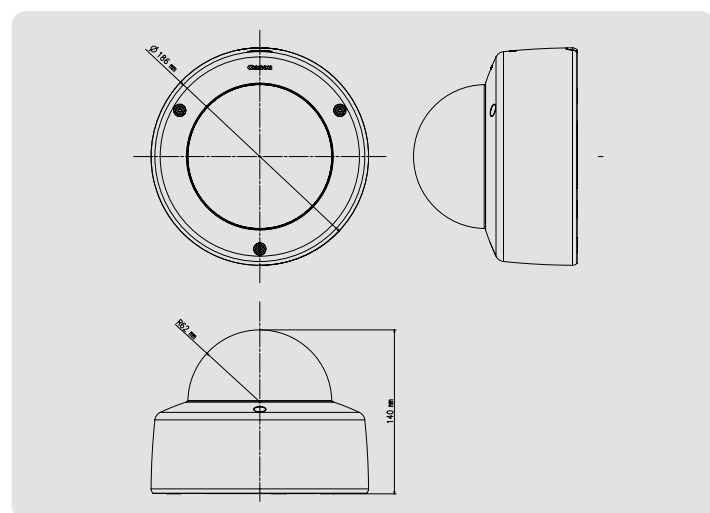- Privacy Mask Function and built-in SD memory card slot

NETWORK CAMERA

Canon

VB-M600D

Specifications

IMAGE SENSOR	
Type	1/3 inch CMOS with primary colour filter
Number of Pixels	Approx. 1.3 million pixels
Scanning System	Progressive
OPTICS	
Zoom Magnification & Control	3x powered zoom lens with Auto Focus
Focal Length	2.8mm (wide) – 8.4mm (telephoto)
Horizontal Field of View	101.2° (wide) – 33.7° (telephoto)
Lens F-Number	f/1.2 – f/2.0
Minimum Subject Illumination	Day Mode: 0.4 lux (Colour, f/1.2 at 1/30 sec)
	Night Mode: 0.01 lux (Mono, f/1.2 at 1/30 sec)
Focus Control	One-shot AF / Manual / Fixed at infinity
Focusing Region	Day Mode: 0.3 m – infinity
	Night Mode: 1.0 m (1.6 ft) – infinity
Shutter Speed	1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60 (Standard), 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000 sec
White Balance	Auto / One-shot / Preset / Manual
Imaging Modes	Day Mode, Night Mode (Auto / Manual)
Optical Measurement System	3 options: Centre-weighted / Average / Spot Metering
Backlight Compensation	7 levels
Shade Correction	7 levels
Image Stabilizer	-
SERVER UNIT	
Video Compression Method	H.264, JPEG
Video Output Size	JPEG: 160 x 120, 320 x 240, 640 x 480, 1280 x 960
	H.264: 320 x 240, 640 x 480, 1280 x 960
Frame Rate	JPEG: 30 – 0.1 fps [1]
	H.264: 30/15/10 fps [1]
Simultaneous Distribution	JPEG: Max. 30 Clients + 1 Admin Client
	H.264: Max. 10 Clients
Audio Communication	Full-duplex
Audio Compression Method	G.711 μ-law (64Kbps)
Supported Protocols	IPv4: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (Client), DHCP (Client), DNS (Client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (from Canon), ONVIF
	IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DNS (Client), ICMPv6, POP3, NTP, SMTP authentication, WV-HTTP (from Canon), ONVIF
Privacy Mask	Max. 8 masks
	Number of mask colours: 1 (select from 9 colours)
Camera Access Levels	3 user levels: Administrator / Authorized User / Guest User
Event Notification	HTTP/SMTP (e-mail)

EMBEDDED ANALYTICS	
Video Content Analytics	Moving Object Detection, Removed Object Detection, Abandoned Object Detection and Camera Tampering Detection (Max of 15 detections per camera)
Audio	Volume Detection
CONNECTORS	
Network Interface	RJ-45, 100Base-TX (Auto / Full duplex / Half duplex)
Audio Input (Mic / Line In)	3.5mm mono mini-jack
Audio Output (Line Out)	3.5mm mono mini-jack
External Device I/O Terminals	2 x Inputs / 2 x Outputs
Memory Card	SD Memory Card, SDHC Memory Card Compatible. Max. 32 GB, Frame Rate: Max. 1fps
MECHANISMS	
Pan Angle Range	350° (±175°)
Tilt Angle Range	150° (±75°)
Rotation Angle Range	350° (±175°)
Maximum Rotation Speed	-
Infrared Cut Filter	Power-driven insertion and removal (Day / Night Modes)
Preset Positions	-
RATINGS	
Dimensions (W x H X D)	186mm x 140mm x 186mm
Weight	T.B.D.
Power Sources	Power over Ethernet (48V DC, Conforms to IEEE 802.3af)
	100V – 240V AC, 50/60Hz (via optional AC Adaptor)
	12V DC or 24V AC (via supplied two-pin connector)
Power Consumption	PoE Input: Max. approx. 8.6 W
	AC adapter (PA-V17): Max. approx. 10.9 W
	DC Input: Max. approx. 9.0 W
	AC Input: Max. approx. 8.3 W
Operating Environment	Temperature: -10°C to 50°C, Humidity: 5% – 85% RH (without condensation)
WHAT'S IN THE BOX	
	Canon Network Camera VB-M600D, CD-ROM, Power Connector, Installation Guide, Safety Wire, Audio Interface Cable, Istallation Template, Warranty Card (European), Leaflet of Warranty Card.

[1] The frame rate may be reduced due to limitations of the Viewer PC or network used and also the number of clients accessing the camera at the same time.

All data is based on Canon's standard testing methods. This Leaflet and the specifications of the product have been developed prior to the date of product launch. Specifications are subject to change without notice.
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Dimensions

Canon Inc.
canon.com

Canon Europe
canon-europe.com

Canon