

# Network Camera

## VB-C500VD

you can

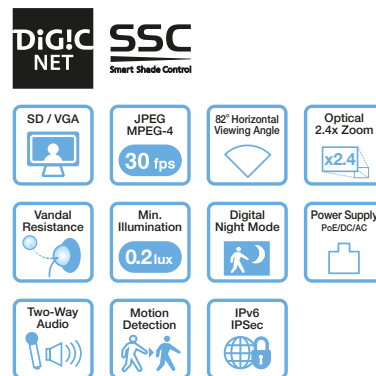


### Wide-area surveillance for harsh indoor environments.

Featuring a vandal-resistant body and a 2.4x wide zoom lens, the VB-C500VD is perfect for surveillance in harsh indoor environments. Colour imaging at 0.2 lux keeps your area covered, even in low light.

#### Key features

- Toughened vandal-resistant housing and shock-absorbing mechanism resists impact from solid objects
- Canon wide-angle varifocal lens with 2.4x optical zoom and 82° field of view
- DIGIC NET Image Processor delivers Motion JPEG and MPEG-4 images at up to 640 x 480 pixels
- Progressive scan video at up to 30 fps, for clear capture of moving subjects
- On-screen display can overlay date, time and camera name onto the image
- Exceptional low-light performance – colour video down to 0.2 lux
- Full-duplex audio support



NETWORK  
CAMERA

# Canon

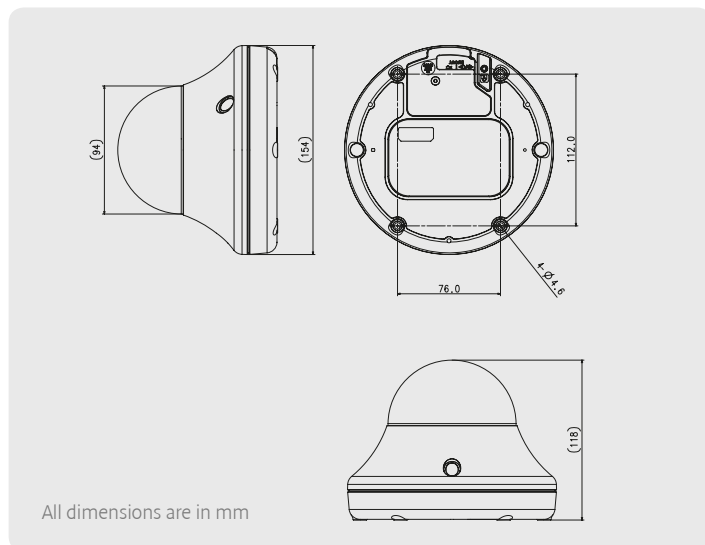
# VB-C500VD

## Specifications

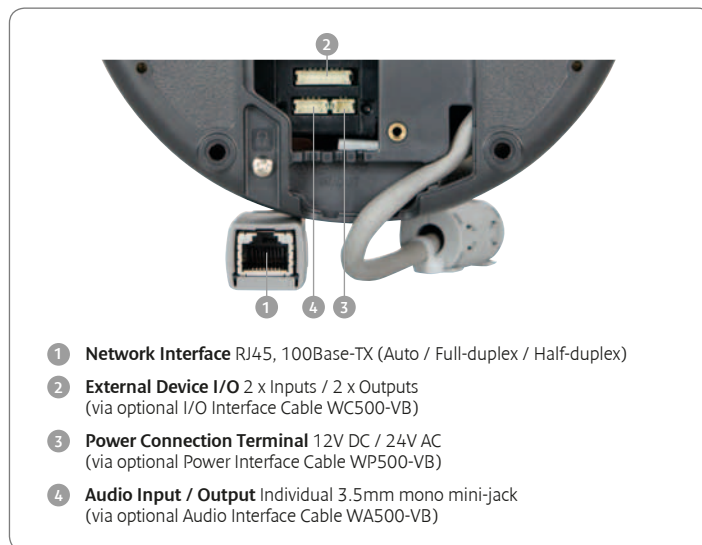
IMAGE SENSOR	
Type	1/4 inch CCD with primary colour filter
Number of Pixels	310,000 effective
Scanning System	Progressive
OPTICS	
Zoom Magnification & Control	2.4x powered zoom lens with Manual Focus
Focal Length	2.6mm (wide) – 6.2mm (telephoto)
Horizontal Field of View	82.0° (wide) – 34.0° (telephoto)
Lens F-Number	f/1.1 – f/1.4
Minimum Subject Illumination	Day Mode: 0.2 lux (Colour, f/1.1 at 1/30 sec, SSC on)* Night Mode: 0.15 lux (Mono, f/1.1 at 1/30 sec, SSC on)*
Focus Control	Manual
Focusing Region	0.7m – infinity
Shutter Speed	1/1 – 1/8000 sec
White Balance	Auto / Preset (6 types) / Lock (One-Shot)
Imaging Modes	Day Mode, Night Mode (Auto / Manual / Scheduled)
Metering Modes	3 options: Centre-Weighted / Average / Spot Metering
Exposure Compensation	7 levels
Shade Correction	7 levels
Image Stabilizer	-
SERVER UNIT	
Video Compression Method	JPEG (still images), Motion-JPEG (video), MPEG4
Video Output Size	MJPEG: 640 x 480 / 320 x 240 / 160 x 120 (multicast) MPEG4: 640 x 480 / 320 x 240 (fixed size)
Frame Rate	MJPEG: 0.1 fps - 30 fps (max) MPEG4: 10 / 15 / 30 fps (max)
Simultaneous Distribution	MJPEG: 30 clients max / MPEG4: 10 clients max
Audio Compression Method	G.711 $\mu$ -law (64Kbps), Full duplex
Supported Protocols	IPv4 and IPv6: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (client), DHCP (client - IPv4 only), DNS (client), ARP, ICMP, POP3, NDP (IPv6 only), NTP (IPv4 only), SMTP authentication, WV-HTTP (Canon)
Camera Access Levels	Administrator, Authorised User, Guest User

Motion Detection	Max 4 detection areas
Memory Buffer	Max 4MB for JPEG image upload via FTP / HTTP / SMTP
Event Notification	HTTP / SMTP
CONNECTORS	
Network Interface	RJ-45, 100Base-TX (Auto / Full duplex / Half duplex)
Audio Input (Mic / Line In)	3.5mm mono mini-jack (via optional interface cable)
Audio Output (Line Out)	3.5mm mono mini-jack (via optional interface cable)
External Device	I/O Terminals 2 x Inputs / 2 x Outputs
MECHANISMS	
Pan Angle Range	350° (-175° to +175°) Manual
Tilt Angle Range	150° (-75° to +75°) Manual
Maximum Rotation Speed	-
Infrared Cut Filter	Manual Day / Night switching
Preset Positions	-
RATINGS	
Dimensions (W x H x D)	155mm x 118mm x 155mm
Weight	780g
Power Sources	Power over Ethernet: 48V DC (Conforms to IEEE 802.3af) 100V – 240V AC, 50/60Hz (optional AC Adaptor PA-V17) 12V DC or 24V AC (via optional Power Interface Cable)
Power Consumption	3.3W Max (on PoE) / 3.6W Max (on AC Adaptor)
Operating Environment	Temperature: -10°C to +50°C, Humidity: 20% to 85% RH
WHAT'S IN THE BOX	
	VB-C500VD Main Unit, Safety Wire, Mounting Template, CD-ROM*, User's Manual, Warranty Card *Bundled software (included on the CD-ROM) enables monitoring and recording of up to four cameras.
<small>* SSC = Smart Shade Control. Disabling this function increases minimum illumination to 0.5 lux in Day Mode and 0.2 lux in Night mode. 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. ™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.</small>	

## Dimensions



## Connectivity



## Optional Accessories

- AC Power Supply Kit PA-V17 (Europe)
- AC Power Supply Kit PA-V17 (Great Britain)
- Audio Interface Cable WA500-VB
- I/O Interface Cable WC500-VB
- Power Interface Cable WP500-VB
- Recessed Mounting Kit SR500-S-VB
- Video Recording Software RM-9
- Video Recording Software RM-25
- Video Recording Software RM-64



Indoor Clear & Tinted Recessed Dome

For more detailed accessory information please refer to the accessory sales sheet.



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