



VB-C500VD
Specification Sheet

IMAGE SENSOR		
Type	¼ inch CCD with primary colour filter	
Number of Pixels	310,000 effective	
Scanning System	Progressive	
OPTICS		
Zoom Magnification and 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: 0.1 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 μ -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 In / 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)	
Power Consumption	12V DC or 24V AC (via optional Power Interface Cable) 3.3W Max (on PoE) / 3.6W Max (on AC Adaptor)	
Operating Environment	Temperature: -10°C to +50°C, Humidity: 20% to 85% RH	

* SSC = Smart Shade Control. Disabling this function increases minimum illumination to 0.5 lux in Day Mode and 0.2 lux in Night mode.