



VB-C500VD IP SECURITY CAMERA

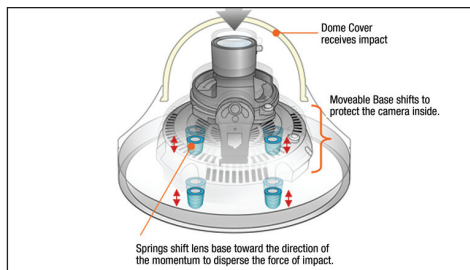
Vandal Resistant Mini Dome Camera

Canon's VB-C500VD is a fixed indoor IP security camera encased in a vandal resistant housing made of strong polycarbonate plastics (cover), tough alloyed aluminum (body), heat-resistant polycarbonate and ABS mixture (base), and secured with tamper-proof screws. Inside the housing, the camera is mounted on a Multi-Directional Shock Absorber, a four-spring mechanism designed to protect the camera by lessening the effects of impacts from various angles. If the dome is subjected to a blunt force, the four suspension springs shift the lens' moveable base in the direction of the momentum to catch and displace the force of impact. The VB-C500VD camera features an 82° wide angle Canon lens with 2.4x optical zoom, a high-sensitivity progressive-scan CCD and exceptional low light performance. This camera also features Canon's powerful **DiGiC NET** processor which enables the camera to simultaneously stream M-JPEG and MPEG-4 video encoding and transmission in high-quality VGA (640 x 480) resolution at a full 30 frames per second.



Key Features

- ▶ Vandal Resistant Housing
- ▶ 82° Wide Angle Lens with 2.4x Optical Zoom
- ▶ Progressive Scan CCD
- ▶ Exceptional Low Light Performance
- ▶ Color Video down to 0.2 Lux*
- ▶ Auto Day/Night with Digital Night Mode
- ▶ Smart Shade Control
- ▶ M-JPEG and MPEG-4 Video
- ▶ Advanced **DiGiC NET** Processor



The Canon VB-C500VD features a vandal-resistant dome.

- ▶ Power over Ethernet (PoE) IEEE 802.3af compliant

Recommended For:

- ▶ Education Institutions
- ▶ Financial Institutions
- ▶ Mass Transit
- ▶ Correctional Facilities
- ▶ Shopping Malls

VB-C500VD



VB-C500VD

PRODUCT NAME: VB-C500VD ITEM CODE: 4073B002 UPC CODE: 013803117448

SPECIFICATIONS

CCD IMAGE SENSOR		1/4 in. CCD (Primary Color Filter)
NUMBER OF PIXELS		310,000 Effective Pixels
SCANNING METHOD		Progressive
LENS	ZOOM RATIO	Fixed Focus: Optical 2.4x lens (digital 4x)
	FOCAL LENGTH / F-STOP	f= 2.6~6.2mm / F1.1 (W)~F1.4 (T)
ANGLE OF VIEW	HORIZONTAL	82° (W) - 34° (T)
	VERTICAL	60.5° (W) - 25.5° (T)
RANGE OF MOVEMENT	PAN RANGE	350° (± 175°) Manual
	TILT RANGE	150° (± 75°) Manual
	ROTATION RANGE	350° (± 175°) Manual
FOCUS		Manual
FOCUS RANGE	DAY MODE	2.29 ft closest ~ ∞
	NIGHT MODE	2.29 ft closest ~ ∞
DAY / NIGHT MODE		Auto / Manual Switching
MINIMUM ILLUMINATION	DAY MODE	0.2 lux (F1.1, color, 1/30 sec, Smart Shade Control on)
	NIGHT MODE	0.1 lux (F1.1, B&W, 1/30 sec, Smart Shade Control on)
SHUTTER SPEED		1/1 ~ 1/8000 sec
AE		Auto / Flickerless / Shutter-speed (12 levels: 1/8 ~ 1/8000 sec.)
WHITE BALANCE		Auto / Light Source (6 types) / Lock (One-shot WB)
OPTICAL MEASUREMENT SYSTEM		3 options (Center-weighted / Average / Spot)
EXPOSURE COMPENSATION		7 Levels
SMART SHADE CONTROL		7 Levels
VIDEO COMPRESSION METHOD		Simultaneous distribution of M-JPEG / MPEG-4
OUTPUT IMAGE / VIDEO SIZE		M-JPEG: 640 x 480 / 320 x 240 / 160 x 120 MPEG-4: 640 x 480 / 320 x 240
VIDEO QUALITY		M-JPEG: 5 Levels (set by each video size) -MPEG-4: 5 Levels
FRAME RATE		M-JPEG: 0.1~30 fps-MPEG-4: 10 / 15 / 30 fps
MAXIMUM FRAME RATE		M-JPEG: 30 fps (640 x 480)-MPEG-4: 3 fps (640 x 480) ¹
SIMULTANEOUS CLIENT ACCESS		M-JPEG: 30 clients-MPEG-4: 10 clients
AUDIO COMPRESSION METHOD		G.711μ-law (64kbps)
AUDIO COMMUNICATION		Full Duplex
AUDIO PLAY		Available (can play an audio file on a motion detection event or when an external device input is triggered)
PROTOCOL	IPv4	TCP / IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (client), DHCP (client), DNS (client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (Canon's original protocol)
	IPv6	TCP / IP, UDP, HTTP, FTP, SMTP (client), DNS (client), ICMPv6, POP3, NDP, SMTP authentication, WV-HTTP (Canon's original protocol)
IPSEC (Communication Encryption)		Available
CAMERA CONTROL		3 user levels available (Administrator / Authorized user / Guest user) Up to 50 users' user names and passwords can be set for Authorized users
ACCESS CONTROL		Access control (user name & password) / IP address control (IPv4) / Simultaneous client access control
MOTION DETECTION		Available (up to 4 detection areas can be set in a frame)
UPLOAD JPEG IMAGE		FTP / HTTP / SMTP (e-mail) in-camera buffer memory for upload: Max. 4MB
EVENT NOTIFICATION		HTTP / SMTP (e-mail)
NETWORK		LAN x 1 (RJ45, 100Base-TX (Auto / full-duplex / half-duplex))
AUDIO INPUT TERMINAL		Ø 3.5 monaural mini jack connector LINE IN x 1 (connect to an amplifier microphone) or MIC IN x 1 (connect to a microphone w/o amplifier) Requires Optional Accessory #4: Audio Interface Cable (WA-500VB)
AUDIO OUTPUT TERMINAL		Ø 3.5 monaural mini jack connector LINE OUT x 1 (connect to an amplifier speaker) Requires Optional Accessory #4: Audio Interface Cable (WA-500VB)
EXTERNAL DEVICE I / O TERMINAL		Input x 2 / Output x 2 Requires Optional Accessory #5: I / O Interface Cable (WC-500VB)
OPERATING ENVIRONMENT TEMPERATURE / HUMIDITY		Temperature: 14°C ~ 122°F / Humidity: 20 ~ 85% RH (no condensing)
POWER SUPPLY	PoE	PoE power supply via LAN connector (IEEE802.3af compliant)
	OPTIONAL AC ADAPTER	AC100V-240V Requires Optional Accessory #2: Power Adapter (PA-V17) and Optional Accessory #3: Power Interface Cable (WP-500VB)
	OPTIONAL EXTERNAL POWER	AC24V / DC12V Requires Accessory #3: Optional Power Interface Cable (WP-500VB) and third party transformer (sold separately)

¹ The frame rate may be reduced due to Viewer PC's specs, the number of clients accessing at the same time, network loads, or other reasons. A separately-sold amplifier speaker is necessary for playing audio files.

SPECIFICATIONS

POWER CONSUMPTION	WITH PoE	Max. approximately 3.3W
	WITH OPTIONAL AC ADAPTER	Max. approximately 3.6W
BUNDLED SOFTWARE	VK-LITE	4-Camera Monitoring and Recording Software license included
DIMENSIONS (W x D x H)		6.10 x 6.10 x 4.65 in. (155 x 155 x 118 mm)
WEIGHT		1.72 lbs. (780 g)
SHOCK RESISTANCE		Multi-Directional Shock Absorber, a four-spring mechanism designed to protect the camera by lessening the effects of impacts from various angles

OPTIONAL ACCESSORIES

	Item Code No.	Description
SOFTWARE	2245B001	PA-V17 AC Adapter (WP500-VB also required)
	3939B001	WP500-VB Power Interface Cable
	3936B001	WA500-VB Audio Interface Cable
	3938B001	WC500-VB I / O Interface Cable
	3935B001	SR500-S-VB Recessed Mounting Kit
	4075B001	VK-64 v2.2 Network Video Recording Software
	4075B002	VK-16 v2.2 Network Video Recording Software
	4075B003	VK-Viewer v2.2.1 License for VK-64 / VK-16
	4075B004	VK-Viewer v2.2.5 License for VK-64 / VK-16
	3331B001	VK-Lite additional license

Various Mounting Options



WALL MOUNT



DIRECT CEILING MOUNT



RECESSED MOUNT

Compact and adaptable to wide variety of environments, the VB-C500VD can easily be placed in an upright position, a ceiling-mounted position, or even a wall-mounted position. The 3.7-inch (dome diameter) compact mini-dome camera allows you to monitor without drawing people's attention even in upscale condominiums, hotels and other places where the interior design is more emphasized.

*Ratings based on F1.1, 1/30 sec and Smart Shade Control on.

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