

you can
Canon

VB-C500D NETWORK CAMERA

Compact and adaptable
to any environment

VB-C500D

The VB-C500D Fixed Dome network camera is specifically designed to support demanding installation environments and high end security requirements. It features a fixed varifocal lens with a 82 degree wide lens covering both confined and wide spaces. Digital night mode, smart shade control, excellent low light conditions and PoE support make it ideal for use in all market segments with a need for high end security and compact and stylish design.



82° wide angle
vari-focal lens

350° pan
150° tilt

Color video
at 0.2 Lux

Smart
Shade Control

Automatic
digital night mode

Power
over Ethernet



WHAT'S IN THE BOX

VB-C500D Main Unit, Power Connector, Rubber Foot, Setup CD-ROM, Start Guide, Packaging, Leaflet for Start Guide

KEY FEATURES

- Superior Canon optics
- 82 degree Wide field of view
- Superb low-light performance at 0.2 lux
- Diverse image processing and camera functions for high quality images
- Powerful network data transmission for smooth video
- Recording Stream
- Access control
- Encryption
- Intelligent functions for efficient surveillance, such as motion detection, image upload and subject auto tracking
- Bundled recording software VK-Lite
- Audio transmission
- Automatic day / night mode to provide high image quality at all lighting conditions

DIMENSIONS (W x H x D)

136 x 108 x 148 mm

WEIGHT

640g

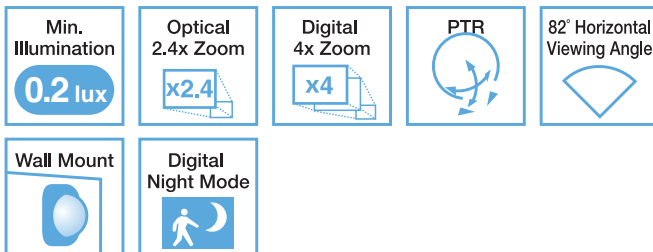


Specifications

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 (4x Digital zoom)
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 / One-Shot / Preset / Manual
Imaging Modes	Day Mode, Night Mode (Auto / Manual / Scheduled)
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	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 / 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
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)	136mm x 108mm x 148mm
Weight	640g
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 supplied two-pin connector)
Power Consumption	3.3W Max (on PoE) / 3.5W Max (on AC Adaptor)
Operating Environment	Temperature: -10°C to +50°C, Humidity: 20% to 85% RH

* Use of the optional smoked dome housing increases minimum subject illumination to 1.4 lux in Day Mode and 0.4 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



MERCURY CODES

PRODUCT

Name	Mercury Code	EAN Code
VB-CS00D	3934B003AA	4960999644974

OPTIONS

Accessories	Mercury Code	EAN Code
Power Adapter PA-V17 (B)	2245B003AA	4960999480206
Indoor Dome Housing (Smoked)		
VB-RD51S-S	2823B001AA	4960999575926
Indoor Dome Housing (Clear)		
VB-RD51S-C	2823B002AA	4960999575933
Ceiling Mount Cover (Silver) SS60-S-VB	3121B001AA	4960999617190
Ceiling Mount Cover (Black) SS60-B-VB	3121B002AA	4960999617206

you can
Canon

Canon Inc.
www.canon.com

Canon Europa N.V.
www.canon-europe.com

English Edition
© Canon Europa N.V., 2008

Canon (UK) Ltd
Woodhatch
Reigate
Surrey
RH2 8BF
Telephone no 01737 220000
facsimile 01737 220022
www.canon.co.uk

Canon (Irl.) Business
Equipment Ltd.
Arena Road
Sandyford
Industrial Estate Dublin 18
Ireland