VB-C300 PTZ IP SECURITY CAMERA

Wide Angle PTZ

The VB-C300 PTZ (pan/tilt/zoom) IP security camera is designed for observing a large area with a single camera. Featuring a genuine Canon 2.4x Optical Zoom Lens (and 4x Digital Zoom), the VB-C300 provides a very wide 70º wide angle lens. Canon's advanced lens design virtually eliminates the "fish-eye" distortion typical of extreme wide-angle lenses, keeping the camera's image in sharp detail. Panning bi-directionally at ± 170°, the VB-C300 actually delivers a total viewing angle that exceeds 360º. Additional Canon high-tech imaging innovations provide even more user benefits. These include a progressive-scan 310,000-effective pixel CCD that helps deliver crisp, well-defined images of even rapidly moving objects, and exceptional low-light performance with color video down to 1 lux. Additional features on the VB-C300 include Simultaneous Two-way Audio, PoE compliance, and an optional compact ceiling dome to accommodate a wide variety of applications.

Key Features

- ▶ 70° Wide Angle Lens with Auto-Focus
- ▶ Panning Capability: Over 360º Coverage
- ▶ High Sensitivity Progressive Scan
- ▶ Exceptional Low Light Performance
- ▶ Auto Day / Night Mode
- ▶ M-JPEG Encoding
- ▶ Power over Ethernet (PoE)
- ▶ Simultaneous Two-Way Audio

The VB-C300 is an excellent PTZ IP security camera for observing a wide area within a compact space.

Recommended For:

- ▶ Educational Institutions
- ▶ Financial Institutions
- ▶ Guard/Security Booths
- ▶ Retail Stores
- ▶ Lobbies and Entrances
- ▶ Manufacturing Facilities

VB-C300

Canon

VB-C300

PRODUCT NAME: VB-C300   ITEM CODE: 1867B002   UPC CODE: 013803078046

SPECIFICATIONS

VIDEO SIGNAL		Conforms to NTSC
IMAGE SENSOR		1/4-inch CCD (primary color filter)
TOTAL NUMBER OF PIXELS		680,000 (effective 310,000)
SCANNING METHOD		Progressive Scan
MINIMUM ILLUMINATION	COLOR VIDEO	1 lux (F2.0, 1/30 sec.)
	B & W VIDEO	0.25 lux (F2.0, 1/30 sec.)
DAY / NIGHT MODE		Auto / Manual
FOCUS RANGE	DAY MODE	11.8 in.
	NIGHT MODE	23.6 in.
LENS	ZOOM RATIO	2.4x Optical Zoom
	FOCAL LENGTH / F-STOP	f= 3.0~7.2mm / F2.0 (W)~F3.4 (T)
VIEWING ANGLE	HORIZONTAL	70.8° (W) to 29.6° (T)
	VERTICAL	51.6° (W) to 22.1° (T)
PAN ANGLE RANGE		340° (+ / - 170°)
TILT ANGLE RANGE		Upright Position= 115° (-25° to 90°), Inverted= 115° (-90° to 25°)
MOVING SPEED		Pan= Max. 90° / sec., Tilt= Max. 70° / sec.
INFRARED CUT FILTER		Power driven insertion / removal (Normal mode / Night Mode)
WHITE BALANCE		TTL system: Auto / Manual preset / One-shot
PROTOCOLS		HTTP, DHCP, WV-HTTP (from Canon)
VIDEO COMPRESSION METHOD		Motion-JPEG compression (movie) JPEG (still pictures)
VIDEO COMPRESSION RATE		NTSC: 0.1fps to 30fps
AUDIO COMPRESSION METHOD		G.711µ-law (64kbps) full duplex
OUTPUT VIDEO SIZE		640 X 480, 320 X 240, 160 X 120
CONNECTION RESTRICTIONS		Access control (password), video connection, number of concurrent connections (maximum of 15)
MAIN UNIT INTERFACE	NETWORK	LAN x 1 (RJ-45, 100 Base-TX / 10Base T auto negotiation)
	AUDIO IN	Connection to a microphone with amp and LINE input x 1
	AUDIO OUT	Connection to a speaker with amp x1
	VIDEO OUT	3.5 monaural, mini-jack
		Video composite signal output from network camera (for maintenance) x 1
	EXTERNAL DEVICE I / O	Input x 2, Output x 1
DIMENSIONS (H x W x D)		Approx. 4.79 x 5.19 x 5.12 in. (Main unit only, excluding rubber feet and ceiling bracket)
WEIGHT		Approx. 1.85 lbs.
OPERATING ENVIRONMENT		Temperature 0° - 40° C, humidity 20-85%RH (condensation free)
POWER		Capable of PoE power supply via LAN connector (in accordance with IEEE 802.3af compliant) 24VAC / 12VDC, (using the supplied connector, no polarity) AC Adapter for 100VAC to 240VAC (PA-V17)
POWER CONSUMPTION		Max: Approx. 10W (PoE), Max: Approx. 13W (When the AC Adapter is used)

OPTIONAL ACCESSORIES

AC ADAPTER

MODEL	Description
	PA-V17
INPUT	100-240 VAC 50 / 60 Hz
OUTPUT	13 VDC 1.8 A (max.) Temperature: - 10° C to 35° C
	Humidity: 20 to 85%RH (condensation free)
	When using the network camera 13 VDC 1.0 A (max.)
	Temperature: - 10° C to 45° C
	Humidity: 20 to 85%RH (condensation free)
POLARITY	Exterior (-) Interior (+)
DIMENSIONS	2.28 x 4.65 x 0.98 in. (58 x 188 x 25 mm) (W x D x H) (excluding attachment)
WEIGHT	Approx. 0.474 lb (215 g) (excluding cables)

INDOOR DOME HOUSING

MODEL	Description
	VB-RD41S-C / VB-RD41S-S
TYPE	Clear / Smoke Type
USING ENVIRONMENT IN COMBINATION WITH THE CAMERA	Temperature 0 - 45° C
	Humidity 20 - 85%RH (condensation free)
DIMENSIONS	7.09 (4.43: dome) x 3.21 in. (H) Including Ceiling Portion: 5.77 in.
WEIGHT	Approx. 0.820 lb (372 g) (excluding cables)

Easy Setup and Installation

The VB-C300 is also versatile in the ways it can be installed. It can be placed in an upright position, or mounted on the ceiling, either in the open or in an optional indoor dome recessed housing available in clear or smoked models.

OPTIONAL ACCESSORIES

	Item Code. NO.	Description
SOFTWARE	4075B001	VK-64 v2.2 Network Video Monitoring & Recording Software
	4075B002	VK-16 v2.2 Network Video Monitoring & Recording Software
	4075B003	VK-Viewer: 1 License for VK-64/16
	4075B004	VK-Viewer: 5 Licenses for VK-64/16
OTHERS	2112B001	VB-RD41S-S Indoor Dome Housing Smoke
	2112B004	VB-RD41S-C Indoor Dome Housing Clear
	2245B001	PA-V17 AC Adapter

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