



## 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 70° 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  $\pm 170^\circ$ , the VB-C300 actually delivers a total viewing angle that exceeds 360°. 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 360° 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



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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.

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## 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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For more info:  
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