

3 Megapixel Compact Cube Network Camera

CB-300A Series

HDTV 1080p/720p • WiFi/3G/4G Wireless Connection • PoE



- Most Intelligent, Compact and Affordable 3M Camera
- HDTV Quality (Full HD 1080p @ 30fps Streaming)
- Unique Design for Low Lux Application (1/2.5" Sensor)
- Intelligent Multi-Profile Sensor Management for Different Environment
- Support 802.11a/b/g/n Dual Band Wireless Connectivity
- WPS Supported for Easy Wireless Network Setup
- Support 3G/ 4G (WiMAX/LTE) Wireless Connectivity
- Interchangeable CS Mount Lens
- Edge Recording/ Micro SD slot
- PoE/ Two-way Audio/ PIR/ Illumination LED/ DIDO/ Privacy button



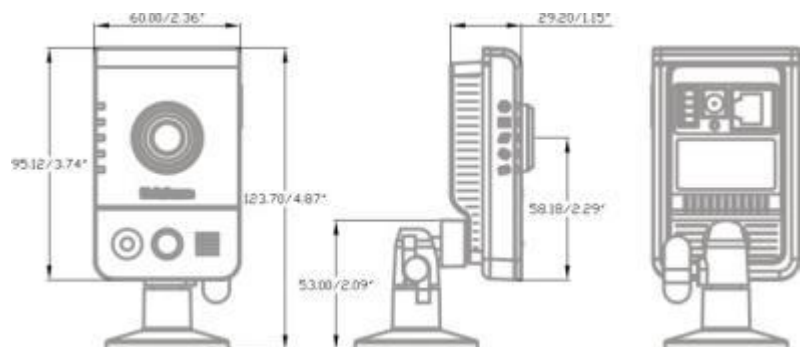
Photo Indication & Dimension Diagram



- Adjustable focal Lens (*)
- Built-in Microphone
- PIR
- Illumination LED
- Speaker
- Power Connector
- Ethernet RJ45 Socket
- Reset Button
- DIDO Terminal I/O Connector
- Micro SD/SDHC slot

- WPS button (*)
- Privacy button
- Power LED
- Status LED
- Internet LED
- WPS LED (*)
- Privacy LED
- USB Port for 3G/4G (*)

* These are optional features *





Camera		Video	
Models	CB-300Ap Board Lens, USB for 3G, PoE WCB-300Ap Board Lens, WiFi CB-302Ap CS Mount Lens, USB for 3G, PoE WCB-302Ap CS Mount Lens, WiFi	Video Image Compression	H.264 / MPEG4 / MJPEG
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR	Video Setting	Audio Exposure Control: Sport/ Normal/ Night Vision/ User Defined Manual Exposure Control: 1/20000~1/5s Manual Gain Control: 1X ~ 32X Manual White Balance Control: 2000K~7000K
Image Sensor	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2048x1536 pixel	S/N Ratio	38.1 dB
Minimum Illumination	CB-300Ap/ WCB-300Ap 1 lux (F2.8, B/W) / 2 lux (F2.8, Color) CB-302Ap/ WCB-302Ap 1 lux (F1.5, B/W) / 2 lux (F1.5, Color)	Image Resolution	3M : 2048x1536 @ 18fps 2M (Full HD) : 1920x1080 @ 30fps 1M (HDTV) : 1280x720 @ 30fps
Lens	CB-300Ap/ WCB-300Ap Lens Type: Board Lens Focal Length: f= 6.34 mm Iris: F2.8 View Angle: (H): 40°/ (V): 30°/ (D): 50° CB-302Ap/ WCB-302Ap Lens Type: CS Mount Lens Focal Length: f= 4.05 mm Iris: F1.5 View Angle: (H): 63°/ (V): 48°/ (D): 78°	General	
		Communication	Ethernet : one 10/100Mbps RJ-45 Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
		Power Input	DC12V/ 1A(Power Supply)
		Max. Power Consumption	CB-300Ap/CB-302Ap : 4.2 watts WCB-300Ap/WCB-302Ap : 4.6 watts
		Environment	Operating Temperature 0°C ~ 50°C (32°F ~ 122°F), Operating Humidity : 10% ~ 80%
		Dimension	34.8 (L) X60 (W) X 95 (H) mm
		Weight	CB-300Ap : 99g WCB-300Ap : 106g CB-302Ap : 122g WCB-302Ap : 129g
		Certification	FCC, CE
		Warranty	Limited 2-year warranty

Audio	
Audio Streaming	2-way Audio Support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Audio Input/ Output	Built-in MIC & Speaker

CB-300A Series	CB-300Ap	WCB-300Ap	CB-302Ap	WCB-302Ap
Interchangeable CS-Mount Lens			✓	✓
Wireless (11a/b/g/n dual band WiFi)		✓		✓
Wired (802.3af PoE)	✓		✓	
USB port for 3G/ 4G(WiMAX/LTE)	✓		✓	
DIDO I/O Port	✓	✓	✓	✓

Work Best With

Camera Accessories Options	
	M13VM288IR 2.2x Vari-focal Lens with Manual Iris
	CI-803A/CI-803C Camera Bracket
	GL-222 Camera Bracket

Network Equipment Options	
	PS-588 8-port 10/100M PoE Fast Ethernet Switch
	BP-1000 UPS power pack (Edge Recording)