

CB-100A Series

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



- Most Intelligent, Compact and Affordable 1M Camera
- HDTV Quality (HDTV 720p @ 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 Wireless Connectivity*
- Interchangeable CS Mount Lens
- Edge Recording/ Micro SD slot
- PoE/ Two-way Audio/ PIR/ Illumination LED/ DIDO/ Privacy button

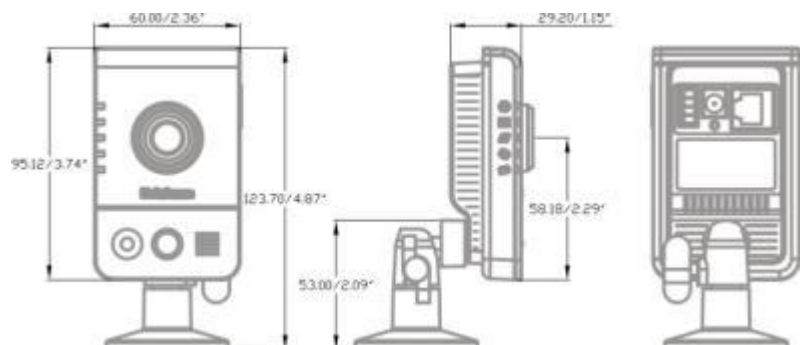


Photo Indication & Dimension Diagram



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|-------------------------------|-----------------------|
| ① Adjustable focal Lens (*) | ⑪ WPS button (*) |
| ② Built-in Microphone | ⑫ Privacy button |
| ③ PIR | ⑬ Power LED |
| ④ Illumination LED | ⑭ Status LED |
| ⑤ Speaker | ⑮ Internet LED |
| ⑥ Power Connector | ⑯ WPS LED (*) |
| ⑦ Ethernet RJ45 Socket | ⑰ Privacy LED |
| ⑧ Reset Button | ⑱ USB Port for 3G (*) |
| ⑨ DIDO Terminal I/O Connector | |
| ⑩ Micro SD/SDHC slot | |

** These are optional features **



Camera

Models	CB-100Ap Board Lens, USB for 3G, PoE WCB-100Ap Board Lens,WiFi CB-102Ap CS Mount Lens, USB for 3G, PoE WCB-102Ap CS Mount Lens, WiFi
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 1280x720 pixel
Minimum Illumination	CB-100Ap/WCB-100Ap 0 Lux (IR ON, B/W) 1.5 Lux (IR OFF, B/W) 3.5 Lux(F1.4,Color) CB-102Ap/ WCB-102Ap 0 Lux (IR ON, B/W) 1 Lux (IR OFF, B/W) 2 Lux(F1.4,Color)
Lens	CB-100Ap/WCB-100Ap Lens Type: Board Lens Focal Length: f= 2.8 mm Iris: F2.2 View Angle: (H): 90° (V): 48° (D): 106° CB-102Ap/ WCB-102Ap Lens Type: CS Mount Lens Focal Length: f= 4.05 mm Iris: F1.5 View Angle: (H): 60° (V): 34° (D): 68°




Audio

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

CB-100A Series	CB-100Ap	WCB-100Ap	CB-102Ap	WCB-102Ap
Interchangeable CS-Mount Lens			✓	✓
Wireless (11a/b/g/n dual band WiFi)		✓		✓
Wired (802.3af PoE)	✓		✓	
USB port for 3G	✓		✓	
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



Video

Video Image Compression	H.264 / MPEG4 / MJPEG
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
S/N Ratio	38.1 dB
Image Resolution	1280x720 @ 30fps

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-100Ap/CB-102Ap: 4.2 watts WCB-100Ap/WCB-102Ap: 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-100Ap: 99g CB-102Ap: 122g WCB-100Ap: 106g WCB-102Ap: 129g
Certification	FCC, CE
Warranty	Limited 2-year warranty

Network Equipment Options

	PS-588I-v2 8-port 10/100M PoE Fast Ethernet Switch
	BP-1000 UPS power pack (Edge Recording)