

Brickcom

Megapixel

Compact Cube Network Camera

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

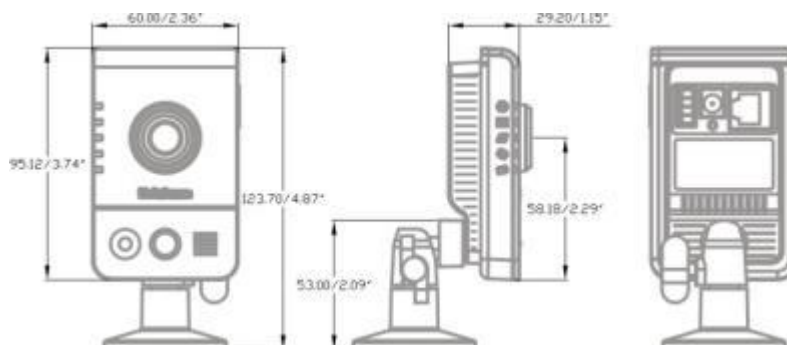


Photo Indication & Dimension Diagram



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

*** These are optional features ***



Camera	
Models	CB-100Ap Board Lens, USB for 3G, PoE 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 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 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

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: 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-102Ap: 129g
Certification	FCC, CE
Warranty	Limited 2-year warranty

CB-100A Series	CB-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

Network Equipment Options



DWRT-600N
Dual Band Wireless Router



PS-588I
8-port 10/100M PoE Fast Ethernet Switch



BP-1000
UPS power pack (Edge Recording)