

# Megapixel Cube Network Camera

## 1280 x 800



- Compact and Streamline Design.
- Built-in PIR Sensor and Illumination LED(\*)
- Built-in MIC and Speaker(\*)
- EasyConfig for Easy Set Up and GUI Integration
- Built-in Micro SD/ SDHC Memory Card Slot(\*)
- MPEG-4, MJPEG and H.264 (\*) Triple Codec Compression
- 802.11a/b/g/n Wireless Connectivity (\*)
- WPS Supported for Easy Wireless Network Setup (\*)

## CB-100A Series

The compact Brickcom CB-100A series cube network series offers a high quality, video surveillance solution for residences and small businesses. Unlike a general webcam, this camera series is a standalone surveillance system that does not need to be connected to a computer. EasyLink™ is a feature of the CB-100A series camera which allows for users to simply plug in the camera to any home or small business network and play the video.

This camera series offers a user-friendly and unique design which allows anyone without a technical background to use it. It features live video feed and two-way audio which can be used over a local area network (LAN), through any internet browser, or via any 3G mobile device. The wireless capability makes it easy to mount on any surface. The CB-100A series features many cutting edge functions and its fashionable, streamline design make it the perfect additional for any home or office.

Because of its many advanced features, the CB-100A series has many versatile applications. Users can easily monitor the safety of their family members, pets, office, valuables, and property.



### Pet Monitor:

Pet Monitor - The motion detection feature can be used to create forbidden areas in the home which the pet should not enter when the owner is away. If the camera records the pet entering the region, a recorded message can be programmed to play and the owner will be notified via email or MMS.



### Residence Monitor:

Home owners worry about their house and property when they are away. The CB-100A series has a built-in PIR sensor which can detect unauthorized movement in a residence. Once movement is detected, the illumination LED will be triggered and an alert with a snapshot can be emailed or sent through an MMS to the user's portable device.



### Elderly and Child Care:

A high concern for many people is the safety of elderly relatives and small children. Users can use the CB-100A series camera to ensure the safety of their loved ones by use of the live view and intercom functions.



### Small Office Surveillance:

Security systems for small offices can be expensive and difficult to install and maintain. With the EasyConfig software, the CB-100A series can easily be installed and configured by anyone without extensive technical knowledge. The video can be reviewed remotely so business owners can monitor office safety and employee productivity at all times.

## CB-100A Series

### Product Name

Megapixel Cube Network Camera

### Model Number

**WCB-100A** - Ethernet or WiFi, 2-way audio(\*), PIR(\*), Illumination LED(\*)

**CB-100A** - Ethernet, 2-way audio(\*), PIR(\*), Illumination LED(\*)

### Hardware System

CPU: 500 MHz  
Flash: 16M  
RAM: 128M DDR(\*)

### Image Sensor

Sensor Type : 1/4" Mega-Pixel CMOS Sensor  
Sensor Resolution : 1280 x 800 pixel  
Minimum Illumination  
0 Lux (with LED)(\*), 1 Lux (without LED)

### Lens(\*)

Lens Type : Board Lens  
Focal Length: f= 3.74 mm  
View Angle : H: 54.8°  
V: 35.9°  
F-number: F2.0

### Video

Auto Exposure Control / Auto White Balance / Auto Gain Control  
Image Compression Format:  
H.264(\*) / MPEG4 / MJPEG

### Image Resolution and Frame Rate(\*)

-1280 x 800: 30fps  
-640x480: 30fps  
-320x192: 30fps

### Audio

2-way audio(\*)  
Built-in MIC/ Built-in Speaker(\*)

### Network

Ethernet : one 10/100Mbps RJ-45  
WiFi: 802.11 a/b/g/n (\*)  
Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

### Interface & Buttons

Micro SD/ SDHC card slot(\*)  
DC Power Connector  
Ethernet Cable Connector  
Privacy Button(\*)  
WPS Button(\*)  
Reset Button  
Microphone  
PIR sensor/ Speaker/ Illumination LED(\*)

### LEDs

WCB-100A  
Power /Connect/ Internet/ Privacy/ WPS  
CB-100A  
Power /Connect/ Internet/ Privacy/ Firmware upgrade

### Power

Input : DC12V / 1 A (Power Supply)  
Max Power consumption  
CB-100A: 4.1 w  
WCB-100A: 4.5 w

### Environment

Operating Temperature : 0°C ~ 50°C (32°F ~122°F)  
Operating Humidity : 10% ~ 80%

### Dimension

29 (L) X60 (W) X 95 (H) mm

### Weight

**CB-100A**  
88g  
**WCB-100A**  
95g  
(excluding stand)

### Certification

FCC,CE

### Warranty

Limited 2-year warranty

(\*)These are optional features. Please refer to the Product List for the full list of optional features available for this product.

