

Megapixel PoE Cube Network Camera

PoE Support

PoE Cube Series

The compact Brickcom PoE Cube network camera series offers a high quality, video surveillance solution for residences and small businesses. EasyLink™ is a feature of the PoE Cube series 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. PoE (Power over Ethernet) supported let camera can receive power through the same cable as for data transmission, which simplifies installation since there is no power adapter needed. For external alarm and sensor devices, they can be equipped via PoE Cube's DI/DO. The PoE Cube series features many cutting edge functions and its fashionable, streamline design make it the perfect addition for any home or office.

The Brickcom CB-102A is equipped with a CS mount which allows users to change the camera lens. This interchangeable lens capability enables users to use a lens which gives the exact angle of view or distance they desire. Because of its many advanced features, the PoE Cube series has many versatile applications. Users can easily monitor the safety of their family members, pets, office, valuables, and property.

- Compact and Streamline Design.
- Built-in 802.3af Compliant POE (Power Over Ethernet)
- 1 DI/DO for External Alarm and Sensor Device
- 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
- Interchangeable CS Mount Lens (CB-102A)

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 PoE Cube 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 PoE Cube series 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 PoE Cube 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.

PoE Cube Series

Product Name

Megapixel PoE Cube Network Camera

Model Number

CB-101A - PoE, and DI/DO.

CB-102A - PoE, DI/DO, and Interchangeable CS Mount Lens

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(*)

CB-101A

Lens Type : Board Lens

Focal Length: f= 3.74 mm

View Angle : H: 54.8°

V: 35.9°

F-number: F2.0

CB-102A

Lens Type : CS Mount Lens

Focal Length: f= 4.2mm

View Angle : H: 50°

V: 37°

F-number: F1.8

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

- 640 x 480: 30fps

- 320x 192: 30fps

Audio

2-way audio(*)

Built-in MIC/ Built-in Speaker(*)

Network

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(PoE)

DI/DO Terminal connector

Privacy Button(*)

Reset Button

Microphone

PIR sensor/ Speaker/ Illumination LED(*)

LEDs

Power/ Connect/ Internet/ Privacy/ Firmware upgrade

Multiple Power Input

DC12V / 1 A (Power Supply)

PoE:802.3af Compliant

Max Power consumption

4.8 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-101A

96g(excluding stand)

CB-102A

103g(excluding stand and lens)

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.

