

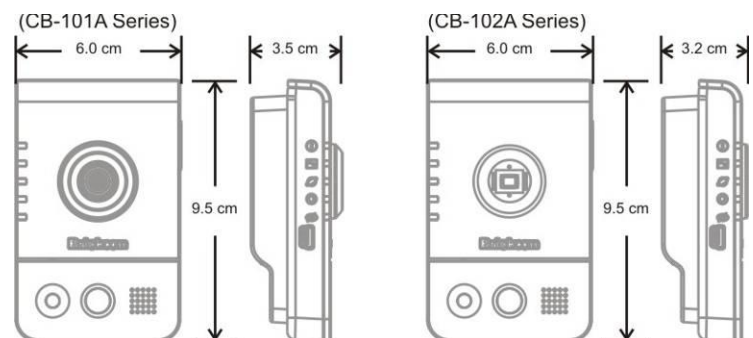
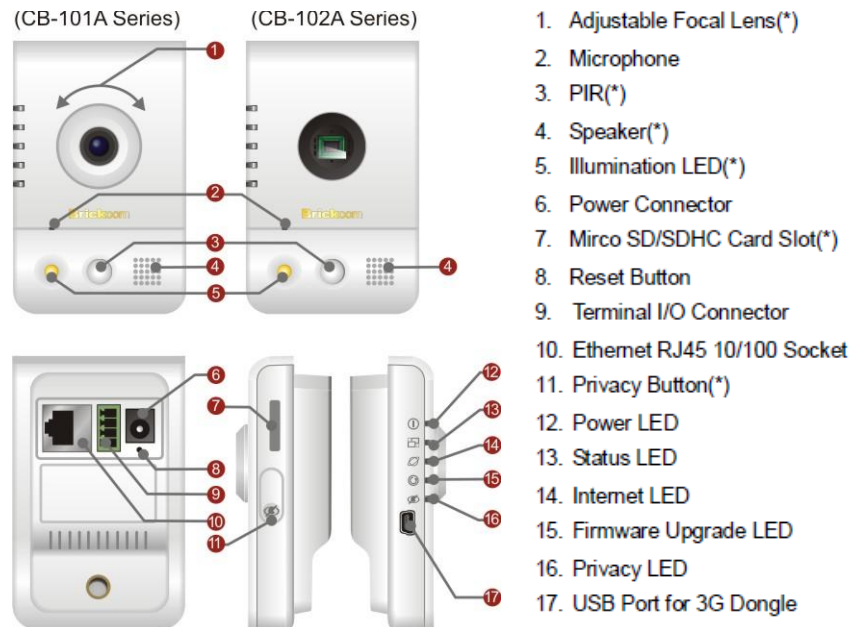
## Megapixel PoE Cube Network Camera



### PoE Cube Series

- H.264, MPEG-4 and MJPEG Triple Codec Compression with Dual Simultaneous Streaming
- DI/DO for External Alarm and Sensor
- Built-in PIR Sensor and Illumination LED(\*)
- Built-in Microphone/Speaker/ Micro SD/SDHC Memory Card Slot (\*)
- 3G USB Dongle Support(\*)
- Interchangeable CS Mount Lens(CB-102A Series)
- Power over Ethernet (PoE)
- EasyConfig for Easy Set Up and GUI Integration
- Unique Profile Setting for Variable Environment

### Dimension Diagram (PoE Cube Series)



### Camera Accessories



**CI-803A/CI-803C**  
Camera Bracket



**GL-222**  
Camera Bracket



**M13VM288IR (CB-102A)**  
2.2x Vari-focal Lens with Manual Iris

### Network Equipment



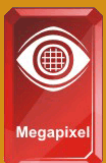
**PS-5881**  
8-port 10/100M PoE Fast Ethernet Switch



**PS-7242IL-AF**  
24-port 10/100M PoE Web Smart Ethernet Switch



**BP-1000**  
UPS power pack for camera



**PoE Cube Series**

**Camera**

<b>Hardware System</b>	CPU: 500 MHz Flash: 16M RAM: 128M DDR
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<b>Image Sensor</b>	Sensor Type: 1/4" CMOS Megapixel Sensor Resolution: 1280 x 800 pixel Minimum Illumination : <b>CB-101Ap v2.1</b> 2 Lux ( F2.0, Color) 1 Lux (F2.0, B/W) <b>CB-102Ae/ CB-102Ap v2.1</b> 3 Lux ( F1.3, Color) 2Lux (F1.3, B/W)
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<b>Lens</b>	<b>CB-101Ap v2.1</b> Lens Type : Board Lens Focal Length: f= 3.74 mm F-number:F2.0 View Angle (H): 56° (V): 37° (D): 62° <b>CB-102Ae/ CB-102Ap v2.1</b> Lens Type : CS Mount Lens Focal Length: f= 4 mm F-number:F1.3 View Angle (H): 57° (V): 35° (D): 68°
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**Video**

<b>Video Image Compression</b>	H.264 / MPEG4 / MJPEG
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<b>Video Setting</b>	Auto Exposure Control: Sport/ Normal/ Night Vision/ User Defined Auto Exposure Control:1X~5X Shutter Speed : 1/8~1/20000 sec
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<b>S/N Ratio</b>	39dB
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<b>Image Resolution</b>	<b>16:10</b> - 1280 x 800 - 640 x 400 - 320 x 192 <b>16:9</b> - 1280 x 720 - 640 x 352 - 320 x 176 <b>4:3</b> - 640 x 480 - 320 x 240
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<b>Frame Rate at Max. Resolution</b>	<b>CB-102Ae</b> H.264: 15 fps MPEG4: 15 fps MJPEG: 30 fps <b>CB-101Ap v2.1/ CB-102Ap v2.1</b> H.264: 30 fps MPEG4: 15 fps MJPEG: 30 fps
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**Audio**

<b>Audio Streaming</b>	<b>CB-102Ae</b> 1-way audio support <b>CB-101Ap v2.1/ CB-102Ap v2.1</b> 2-way audio support
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<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
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<b>Audio Input/ Output</b>	<b>CB-102Ae</b> Build-in Microphone <b>CB-101Ap v2.1/ CB-102Ap v2.1</b> Build-in Microphone and Speaker
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**Network**

<b>Communication</b>	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
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**General**

<b>Power input</b>	802.3af Compliant Power on Ethernet (PoE) DC12V / 1 A (Power Supply)
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<b>LEDs</b>	Power /Connect/Internet/ Privacy /Firmware upgrade
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<b>Max. Power Consumption</b>	<b>CB-102Ae</b> 3.8 watts <b>CB-101Ap v2.1/ CB-102Ap v2.1</b> 4.8watts
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<b>Environment</b>	Operating Temperature : 0°C ~ 50°C (32°F ~122°F), Operating Humidity : 10% ~ 80%
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<b>Dimension</b>	<b>CB-101Ap v2.1</b> 34.8 (L) X60 (W) X 95 (H) mm <b>CB-102Ae/ CB-102Ap v2.1</b> 45.86 (L) X60 (W) X 95 (H) mm(Including Lens)
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<b>Weight</b>	<b>CB-102Ae</b> 116g <b>CB-101Ap v2.1</b> 98g <b>CB-102Ap v2.1</b> 129g
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<b>Certification</b>	FCC, CE
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Limited 2-year warranty

**Warranty**

(\* These are optional features. Please refer to the Buying Guide for the full list of optional features available for this product.