

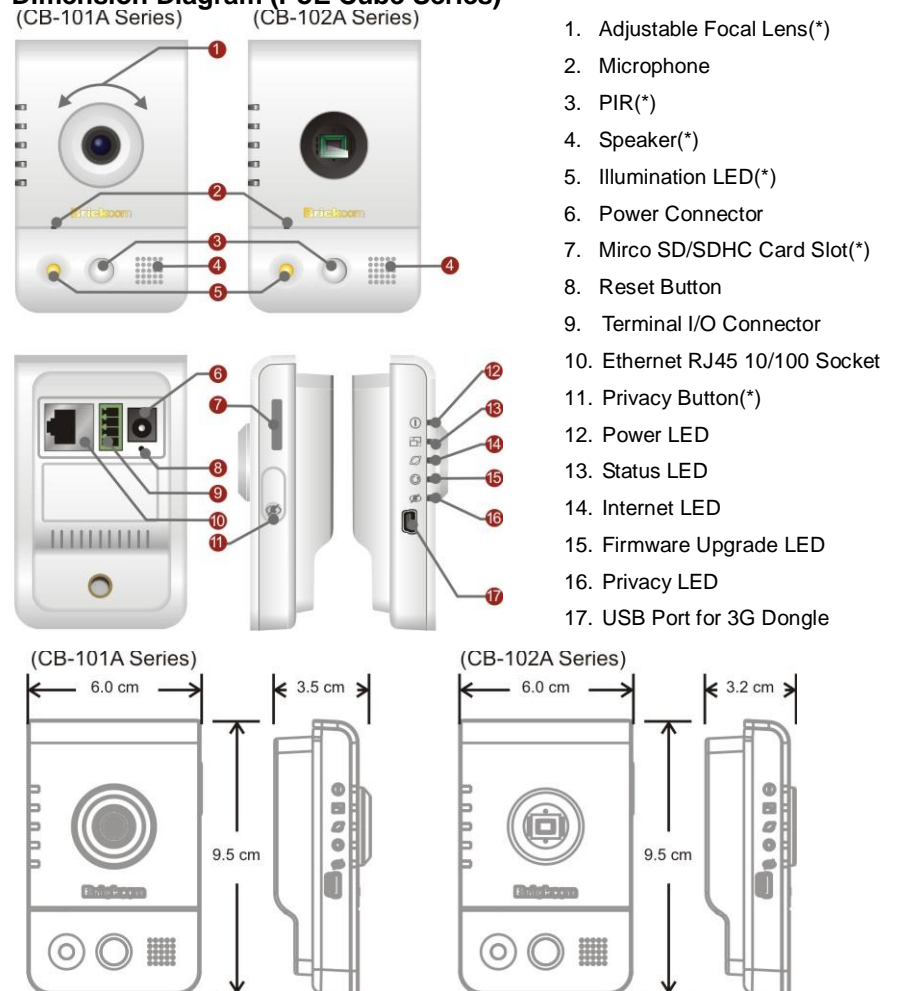
## Megapixel PoE Cube Network Camera



### PoE Cube Series

- H.264, MPEG-4 and MJPEG Triple Codec Compression with Dual Simultaneous Streaming
- Compact and Streamline Design
- DI/DO for External Alarm and Sensor
- Built-in PIR Sensor and Illumination LED(\*)
- Built-in Microphone and Speaker(\*)
- Built-in Micro SD/SDHC Memory Card Slot for Local Storage(\*)
- 3G USB Dongle Support(\*)
- Interchangeable CS Mount Lens(CB-102A Series)
- Built-in 802.3af Compliant 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



**T3Z2914CS-IR (CB-102A)**  
3x Vari-focal Lens with Manual Iris

### Network Equipment



**3001**  
PoE Injector



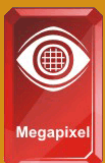
**PS-5881**  
8-port 10/100M PoE Fast Ethernet Switch



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



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



**PoE Cube Series**

Camera		Audio	
<b>Model Number</b>	<p><b>CB-101Ae</b> Megapixel/ Built-in MIC/ Ethernet/ PoE/ Privacy Button/ DI/DO</p> <p><b>CB-102Ae</b> Megapixel/ Built-in MIC/ Ethernet/ PoE/ Privacy Button/ DI/DO/ CS Mount</p> <p><b>CB-101Ap</b> Megapixel/ Built-in MIC &amp; Speaker/ Micro SD/SDHC / Ethernet/ PoE/ Privacy Button/ PIR/ Illumination LED/ DI/DO</p> <p><b>CB-101Ap v2.1</b> Megapixel/ Built-in MIC &amp; Speaker/ Micro SD/SDHC / Ethernet/ PoE/ Privacy Button/ PIR/ Illumination LED/ DI/DO/ USB</p> <p><b>CB-102Ap</b> Megapixel/ Built-in MIC &amp; Speaker/ Micro SD/SDHC / Ethernet/ PoE/ Privacy Button/ PIR/ Illumination LED/ DI/DO/ CS Mount</p> <p><b>CB-102Ap v2.1</b> Megapixel/ Built-in MIC &amp; Speaker/ Micro SD/SDHC / Ethernet/ PoE/ Privacy Button/ PIR/ Illumination LED/ DI/DO/ CS Mount/ USB</p>	<b>Audio Streaming</b>	<p><b>CB-101Ae/ CB-102Ae</b> 1-way audio support</p> <p><b>CB-101Ap/ CB-102Ap/ CB-101Ap v2.1/ CB-102Ap v2.1</b> 2-way audio support</p>
<b>Hardware System</b>	<p>CPU: 500 MHz</p> <p>Flash: 16M</p> <p>RAM: 128M DDR</p>	<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Image Sensor</b>	<p>Sensor Type : 1/4" CMOS Megapixel Sensor</p> <p>Sensor Resolution : 1280 x 800 pixel</p> <p>Minimum Illumination : 1 Lux</p>	<b>Audio Input/ Output</b>	<p><b>CB-101Ae/ CB-102Ae</b> Build-in Microphone</p> <p><b>CB-101Ap/ CB-102Ap/ CB-101Ap v2.1/ CB-102Ap v2.1</b> Build-in Microphone and Speaker</p>
<b>Lens</b>	<p><b>CB-101Ae</b> Lens Type : Board Lens Focal Length: f= 3.60 mm F-number: F2.3 View Angle (Hor): 55.7° (Ver): 36.5° (Dia): 62.9°</p> <p><b>CB-101Ap/ CB-101Ap v2.1</b> Lens Type : Board Lens Focal Length: f= 3.74 mm F-number:F2.0 View Angle (Hor): 54.8° (Ver): 35.9° (Dia): 63.1°</p> <p><b>CB-102Ae/ CB-102Ap/ CB-102Ap v2.1</b> Lens Type : CS Mount Lens Focal Length: f= 4.2 mm F-number:F1.8 View Angle (Hor): 50° (Ver): 37° (Dia): 58°</p>	Network	
<b>Video</b>		<b>Communication</b>	<p>Ethernet : one 10/100Mbps RJ-45</p> <p>Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP</p>
<b>Video Image Compression</b>	H.264 / MPEG4 / MJPEG	General	
<b>Video Setting</b>	<p>Auto Exposure Control: Sport/ Normal/ Night Vision/ User Defined</p> <p>Auto Gain Control: 1X~5X</p> <p>Shutter Speed: 1/5~1/20000 sec</p>	<b>Interface &amp; Buttons</b>	<p>Micro SD/SDHC Card Slot( <b>CB-101Ap/ CB-101Ap v2.1/ CB-102Ap/ CB-102Ap v2.1</b>)</p> <p>DC Power Connector</p> <p>Ethernet Cable Connector(PoE)</p> <p>DI/DO Terminal connector</p> <p>Privacy Button</p> <p>Reset Button</p> <p>Microphone</p> <p>PIR sensor/ Speaker/ Illumination/ LED(<b>CB-101Ap/ CB-101Ap v2.1/ CB-102Ap/ CB-102Ap v2.1</b> )</p> <p>USB(<b>CB-101Ap v2.1/ CB-102Ap v2.1</b>)</p>
<b>Image Resolution</b>	<p><b>16:10</b></p> <p>- 1280 x 800</p> <p>- 640 x 400</p> <p>- 320 x 192</p> <p><b>16:9</b></p> <p>- 1280 x 720</p> <p>- 640 x 352</p> <p>- 320 x 176</p> <p><b>4:3</b></p> <p>- 640 x 480</p> <p>- 320 x 240</p>	<b>Power input</b>	802.3af Compliant Power on Ethernet (PoE)
<b>Frame Rate at Max. Resolution</b>	<p><b>CB-101Ae/ CB-102Ae</b> H.264: 15 fps MPEG4: 15 fps MJPEG: 30 fps</p> <p><b>CB-101Ap/ CB-102Ap/ CB-101Ap v2.1/ CB-102Ap v2.1</b> H.264: 30 fps MPEG4: 15 fps MJPEG: 30 fps</p>	<b>LEDs</b>	Power /Connect/Internet/ Privacy /Firmware upgrade
		<b>Max. Power Consumption</b>	<p><b>CB-101Ae/ CB-102Ae</b> 3.8 watts</p> <p><b>CB-101Ap/ CB-102Ap</b> 4.8 watts</p> <p><b>CB-101Ap v2.1/ CB-102Ap v2.1</b> 7.3 watts</p>
		<b>Environment</b>	<p>Operating Temperature : 0°C ~ 50°C (32°F ~ 122°F),</p> <p>Operating Humidity : 10% ~ 80%</p>
		<b>Dimension</b>	<p><b>CB-101Ae/ CB-101Ap/ CB-101Ap v2.1</b> 34.8 (L) X60 (W) X 95 (H) mm</p> <p><b>CB-102Ae/ CB-102Ap/ CB-102Ap v2.1</b> 45.86 (L) X60 (W) X 95 (H) mm(Including Lens)</p>
		<b>Weight</b>	<p><b>CB-101Ae</b> 83g</p> <p><b>CB-102Ae</b> 116g</p> <p><b>CB-101Ap</b> 96g</p> <p><b>CB-102Ap</b> 129g</p> <p><b>CB-101Ap v2.1</b> 101g</p> <p><b>CB-102Ap v2.1</b> 134g ( excluding stand )</p>
		<b>Certification</b>	FCC, CE
		<b>Warranty</b>	Limited 2-year warranty

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