

## 3 Megapixel Mini Box Network Camera

### MB-300A Series

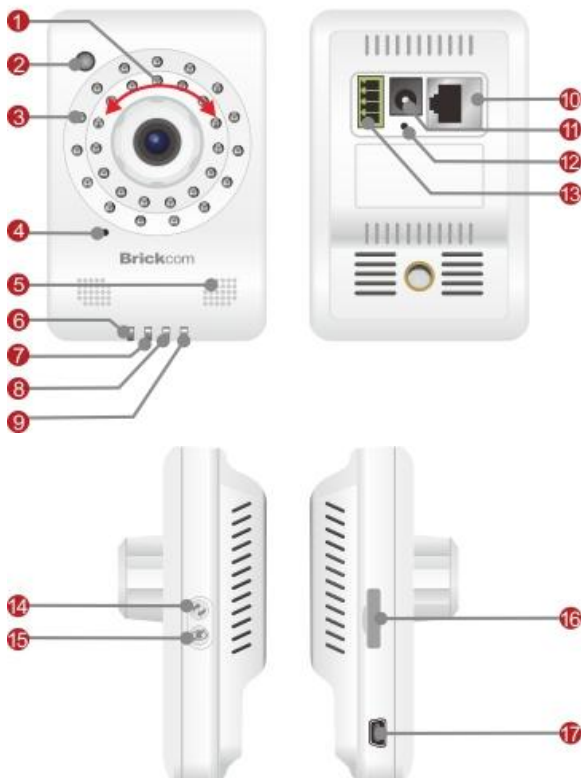
HDTV 1080p/720p • WiFi/3G/4G Wireless Connection • PoE



- Most Intelligent, Compact and Affordable 3M Camera
- HDTV Quality (Full HD 1080p @ 30fps Streaming)
- Removable IR-cut Filter Superior for Night Vision
- 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/ 4G (WiMAX/LTE) Wireless Connectivity
- Edge Recording/ Micro SD slot
- PoE/ Two-way Audio/ Built-in Mic and Speaker/ DIDO/ Privacy button



### Photo Indication & Dimension Diagram



- |                         |                                  |
|-------------------------|----------------------------------|
| 1 Adjustable focal Lens | 9 Power LED                      |
| 2 Light Sensor          | 10 Ethernet RJ45 Socket          |
| 3 Illumination LED      | 11 Power Connector               |
| 4 Built-in Microphone   | 12 Reset Button                  |
| 5 Speaker               | 13 DIDO Terminal I/O Connector   |
| 6 Privacy LED           | 14 WPS Button (*)                |
| 7 WPS LED (*)           | 15 Privacy Button                |
| FW Upgrade LED          | 16 Micro SD/SDHC slot            |
| 8 Wireless LED (*)      | 17 USB Port for 3G/4G (MB-300Ap) |
| Ethernet LED            | (*) WMB-300Ap                    |



## Camera

<b>Models</b>	<b>MB-300Ap</b> Board Lens, USB for 3G, IR LED, PoE <b>WMB-300Ap</b> Board Lens, WiFi, IR LED
<b>Hardware System</b>	CPU: 533 MHz Flash: 32M RAM: 256M DDR
<b>Image Sensor</b>	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2048x1536 pixel
<b>Minimum Illumination</b>	0 lux (IR ON, B/W)/ 2 lux (F1.6, Color)
<b>IR Illuminators</b>	Built -in IR Illuminators, effective up to 15 meters IR LED: 30pcs IR wavelength: 850nm
<b>Lens</b>	Lens Type: Board Lens Focal Length: f= 4 mm Iris: F1.6 View Angle: (H): 66°/ (V): 49°/ (D): 85°

## Video

<b>Video Image Compression</b>	H.264 / MPEG4 / MJPEG
<b>Video Setting</b>	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
<b>S/N Ratio</b>	38.1 dB
<b>Image Resolution</b>	<b>3M</b> : 2048x1536 @ 18fps <b>2M (Full HD)</b> : 1920x1080 @ 30fps <b>1M (HDTV)</b> : 1280x720 @ 30fps

## Events and Alarm Management

<b>Events</b>	Motion Detection/ Schedule/ Audio Detection/ Digital Input
<b>Alarm</b>	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output

MB-300A Series	Wireless (11a/b/g/n dual band WiFi)	Wired (802.3af PoE)	USB port for 3G/ 4G(WiMAX/LTE)
<b>MB-300Ap</b>		✓	✓
<b>WMB-300Ap</b>	✓		

## Work Best With

### Accessories Options



**DWRT-600N**  
Dual Band Wireless Router



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



**BP-1000**  
UPS power pack (Edge Recording)

## Audio

<b>Audio Streaming</b>	2-way Audio Support
<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Audio Input/ Output</b>	Built-in MIC & Speaker

## General

<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, IPv6
<b>Interface &amp; Buttons</b>	Built-in Microphone & Speaker Ethernet RJ45 Socket Power Connector DIDO Terminal I/O Connector Reset Button WPS Button ( <b>WMB-300Aps</b> ) Privacy Button Micro SD/SDHC slot USB Port for 3G/4G ( <b>MB-300Ap</b> )
<b>Day &amp; Night Support</b>	Mechanical ICR , triggered by sensor
<b>Power Input</b>	<b>MB-300Ap</b> : PoE 802.3af/ DC12V 1A <b>WMB-300Ap</b> : DC12V 1A
<b>Max. Power Consumption</b>	<b>MB-300Ap</b> : 6.4 watts <b>WMB-300Ap</b> : 6.8 watts
<b>Environment</b>	Operating Temperature 0°C ~ 50°C (32°F ~122°F), Operating Humidity : 10% ~ 80%
<b>Dimension</b>	163 (L) X163 (W) X 125 (H) mm
<b>Weight</b>	<b>MB-300Ap</b> : 470g <b>WMB-300Ap</b> : 477g
<b>Certification</b>	FCC, CE
<b>Warranty</b>	Limited 2-year warranty