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5 Megapixel
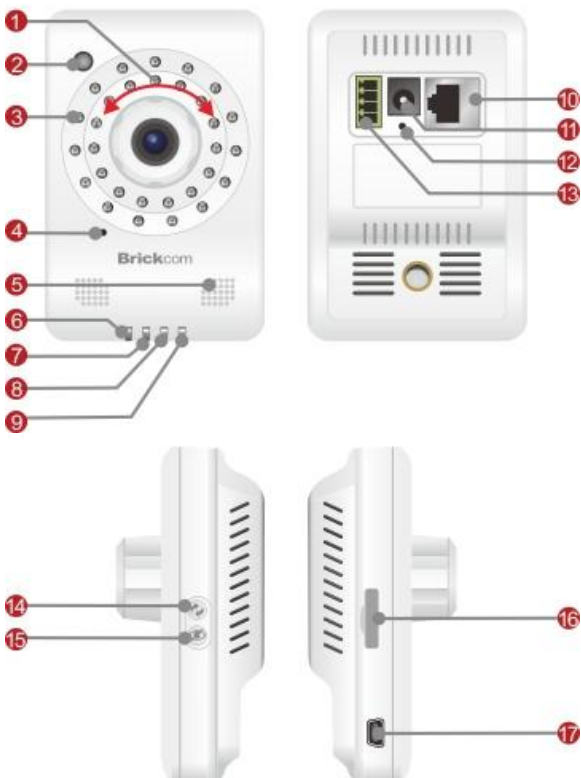# Mini Box Network Camera

MB-500A Series

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

▪ Most Intelligent, Compact and Affordable 5M 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

❶ Adjustable focal Lens	❾ Power LED
❷ Light Sensor	❿ Ethernet RJ45 Socket
❸ Illumination LED	⓫ Power Connector
❹ Built-in Microphone	⓬ Reset Button
❺ Speaker	⓭ DIDO Terminal I/O Connector
❻ Privacy LED	⓮ WPS Button (*)
❼ WPS LED (*)	⓯ Privacy Button
FW Upgrade LED	⓰ Micro SD/SDHC slot
❽ Wireless LED (*)	⓱ USB Port for 3G/4G *(MB-500Ap)*
Ethernet LED	*(*) WMB-500Ap*

Camera

Models	**MB-500Ap** Board Lens, USB for 3G, IR LED, PoE **WMB-500Ap** Board Lens, WiFi, IR LED
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2592x1944 pixel
Minimum Illumination	0 lux (IR ON, B/W) 0.1 lux (IR OFF, B/W) 0.2 lux (F1.4, Color)
IR Illuminators	Built -in IR Illuminators, effective up to 15 meters IR LED: 30pcs IR wavelength: 850nm
Lens	Lens Type: Board Lens Focal Length: f= 4 mm Iris: F1.6 View Angle(Normal Mode): (H): 90°/ (V): 67°/ (D): 112°

Video

Video Image Compression	H.264 / MPEG4 / MJPEG
Video Setting	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
S/N Ratio	38.1 dB
Image Resolution	**5M** : 2592x1944 @ 10fps (5M supports MJPEG only) **4M** : 2304x1728 @ 15fps **3M** : 2048x1536 @ 18fps **2M (Full HD):** 1920x1080 @ 30fps **1M (HDTV):** 1280x720 @ 30fps

Events and Alarm Management

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

Audio

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

General

Communication	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
Interface & Buttons	Built-in Microphone & Speaker Ethernet RJ45 Socket Power Connector DIDO Terminal I/O Connector Reset Button WPS Button **(WMB-500Aps)** Privacy Button Micro SD/SDHC slot USB Port for 3G/4G **(MB-500Ap)**
Day & Night Support	Mechanical ICR , triggered by sensor
Power Input	**MB-500Ap:** PoE 802.3af/ DC12V 1A **WMB-500Ap** : DC12V 1A
Max. Power Consumption	**MB-500Ap:** 6.4 watts **WMB-500Ap:** 6.8 watts
Environment	Operating Temperature 0°C ~ 50°C (32°F ~122°F), Operating Humidity : 10% ~ 80%
Dimension	163 (L) X163 (W) X 125 (H) mm
Weight	**MB-500Ap:** 470g **WMB-500Ap**: 477g
Certification	FCC, CE
Warranty	Limited 2-year warranty

MB-500A Series	Wireless (11a/b/g/n dual band WiFi)	Wired (802.3af PoE)	USB port for 3G/ 4G(WiMAX/LTE)
MB-500Ap		✓	✓
WMB-500Ap	✓		

Work Best With

Accessories Options

BP-1000
UPS power pack (Edge Recording)

Network Equipment Options

PS-588I
8-port 10/100M PoE Fast Ethernet Switch

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