

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/ D/D/O/ Privacy button



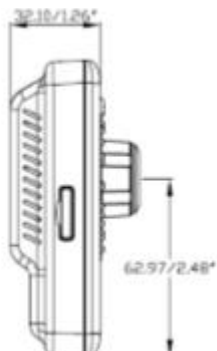
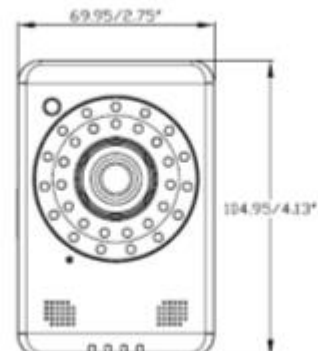
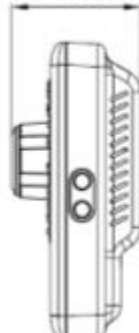
Photo Indication & Dimension Diagram



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|-------------------------|----------------------------------|
| 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 D/D/O 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-500Ap) |
| Ethernet LED | (*) WMB-500Ap |



MAX. 47.30/1.86"
MIN. 44.90/1.77"



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)/ 2 lux (F1.6, 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: (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

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



DWRT-600N
Dual Band Wireless Router



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



BP-1000
UPS power pack (Edge Recording)

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