H.264 / MJPEG - VGA / 2MP Compact Network Camera

AM1X02 Series with PIR Sensor and Infrared LEDs

2 MEGA	**H264**	**MJPEG**
PIR Sensor	**3 M IR LED**	**ICR**
MIC	**Speaker**	**digital PTZ**
Wireless	**WPS**	**Micro SD Support**

Main Features

➢ **H.264** High Profile / MJPEG Dual Compression

➢ **Compact Size** for Easy Installation and Maneuvering

➢ **Onvif** ® Compliant for Easy Integration & Fast Deployment

➢ **Multiple video profiles** simultaneously for streaming

➢ **Speaker and Microphone** Hidden & Built-In

➢ **Micro SD Card** Slot for Local Storage

➢ **Built-in PIR sensor** for human detection

➢ **Infrared LED** for Day & Night Model, 3 Meters

➢ **Infrared Cut-Filter Removable** for Day & Night Environment

➢ **Alarm In & Alarm Out** for connecting Alarm Devices

➢ **Wi-Fi**, IEEE 802.11 b/g/n for Wireless Networks (Optional)

➢ **Easy Connection with YOICS** ® **enable service** for easy access and management

➢ **Support iPhone** ® **streaming** for monitoring at anytime anywhere

VGA	**AM1002**
VGA + Wi-Fi	**AM1002-W**
2MP	**AM1202**
2MP + Wi-Fi	**AM1202-W**

All specifications are subject to change without notice.

AM1002 / AM1002-W / AM1202 / AM1202-W

Main Video Specifications, Performance & Capabilities

Video Compression	H.264 / Motion JPEG
Video Resolution	UXGA: 1600 x 1200 HD-720P: 1280 x 720 VGA: 640 x 480 QVGA: 320 x 240, QQVGA: 160x120
Bit Rate	64K ~ 4M bits/sec (CBR/VBR configurable)
Frame Rate	15 FPS @ UXGA 30 FPS @ HD-720P / VGA / QVGA / QQVGA
Image Device	2 Megapixels 1/3.2" CMOS Sensor
Lens Type	Board Lens, Focal Length 4.2mm, F1.8
Day & Night (ICR)	Auto/ Day / Night (AM1202/AM1202-W)
Radiant Distance (optional)	AM1202 / AM1202-W : Infrared Light LEDs ON: 3 Meters
Illumination	1 ~ 10,000 Lux, 0 Lux (for IR models with LED on)
Video Control	8 Stream Profiles, H.264 & Motion JPEG VBR/CBR for quality/bitrate control Embedded OSD for Time & Text Stream Support 3GPP mobile surveillance Support iPhone streaming RTSP URI
Digital PTZ	By Image Area
Image Adjustment	Brightness, Saturation, Hue, Contrast, Exposure control, White balance, Rotation

Event System	**Trigger**	Schedule, Motion detection, By boot, PIR Sensor, GPIN
	Action	Snapshot image upload via FTP Save Video Clips to Micro-SD card Notification via email and TCP Activation of illumination LED, GPOUT

Local Storage	Micro SD slot (Up to 16 GB)
Audio Capability	1 x Built-in Microphone; 1 x Audio Speaker; 1 x Audio Line Out
Audio Compression	AAC-LC

Networking & Accessing
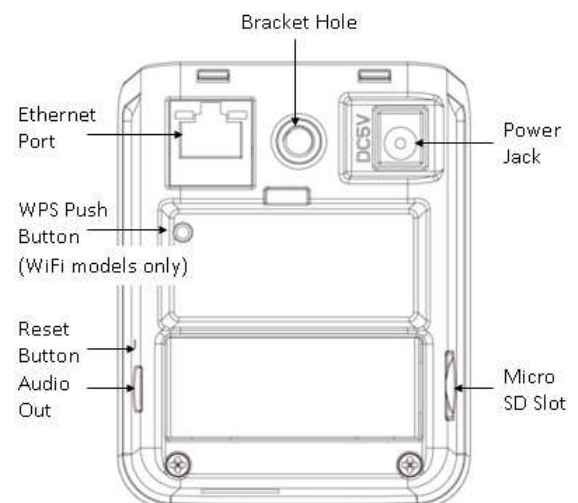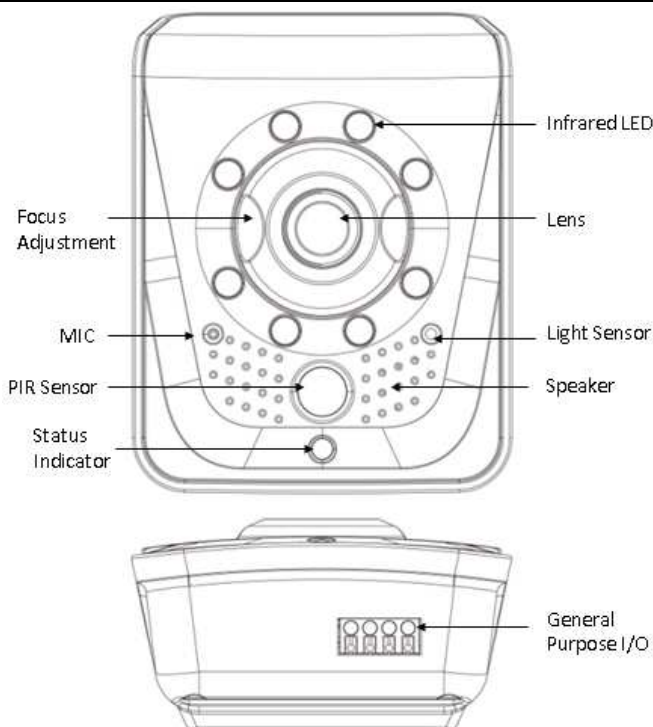
Network Interface	10BASE-T/100 BASE-TX
Wireless LAN (optional)	IEEE 802.11b/g/n, 2T2R
Wireless Security (wireless models)	WEP(64/128 bit), WPA-PSK(AES/TKIP), WPA2-PSK(AES/TKIP) WPS (WiFi Protect Security) Push Button
Protocols	HTTP, TCP/IP, IPv4, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP
Security	3 Levels Password Protection (Administrator, Operator, Viewer)

User Environment Requirements

Minimum System Requirements	CPU: Pentium Dual Core RAM: 1G Graphic Card: 128MB
Operation Platform	Microsoft Windows XP/Vista /Windows 7 DirectX 9
Browser	IE 7.0 above

Hardware Operation & Characteristics

PIR Sensor	Passive Infrared (PIR) motion sensor with configurable sensitivity. Range: 5 m (max), Angle: 75 degree
I/O Connectors	1 x RJ45 10BASE-T/100 BASE-TX 1 x DC Power Jack, 1 x Default setting button 1 x Micro SD slot, WPS button 1 x Alarm In, 1 x Alarm Out
Power Supply	AC/DC switching power Adapter. Input AC100 ~ 240V; Output DC 5V / 2 A
Power Consumption	Less than 8W
Temperature	0°C ~ 50°C
Humidity	20% ~ 80% RH
Dimension	70 (W) x 38 (L) x 88.5 (H) mm
Net Weight	90g (camera only)
Certification Report	CE/FCC, ROHS
Package Contents	1 x CD (User's manual and software) 1 x Quick Installation Guide 1 x Stand for Mount 1 x Ethernet Cable 1 x AC/DC Power Adapter

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