



AVM311A



MARS
ETS



HD 720P



External I/O



PoE



Mobile Surveillance



3-Axis

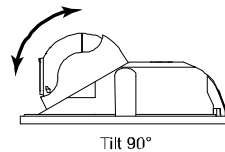
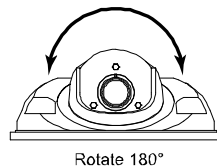
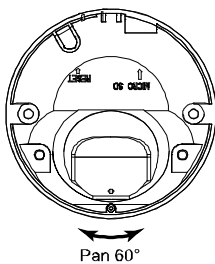


IK08
(lens cover)

1.3 MP Vandal-Proof IP Camera

FEATURES

- **POE (Power-over-Ethernet)** support to eliminate the use of power cables and reduce installation costs
- **3-axis** mechanism for flexible ceiling and wall-mount installation

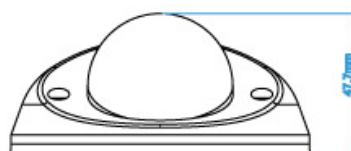
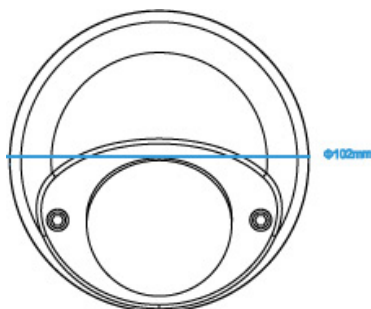


- **External alarm I/O device** connection



- **ONVIF (ONVIFS)** standard supported to simplify system integration
- **IK08** rated, vandal-proof lens cover
- **Remote Surveillance**
 - **Fully compatible** with **iOS** and **Android** devices, and **Internet Explorer** on Windows operating system
 - **Push Video** available on your iOS and Android devices when used with Push Video NVR series.

DIMENSIONS



** Dimensional tolerance: ± 5mm



● SPECIFICATIONS

■ Network

| | |
|---|--|
| Network Compression | H.264 / MPEG4 / MJPEG |
| Multiple Video Streaming (Encode Modes, IPS, Resolution) | 4 (H.264, MPEG4, MJPEG) |
| LAN Port | YES |
| LAN Speed | 10/100 Based-T Ethernet |
| Supported Protocols | DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, Bonjour, UPnP, DNS, UDP, IGMP, QoS, SNMP |
| ONVIF Compatible | YES (Profile S) |
| Frame Rate | 30fps |
| Number of Online Users | 10 |
| Security | (1) Multiple user access levels with password (2) IP address filtering (3) Digest authentication |
| Remote Access | (1) Internet Explorer on Windows operating system (2) 16CH Video Viewer on Windows & MAC operating system (3) EagleEyes on iPhone, iPad & Android mobile devices |

■ Camera

| | | |
|----------------------------|---|--|
| Image Sensor | 1/ 3" SONY CMOS image sensor | |
| Video Resolution | 1280 x 1024 / 1280 x 720 / 640 x 480 / 320 x 240 | |
| Min Illumination | 1 Lux / F1.5 | |
| Shutter Speed | 1/2 to 1/10,000 sec | |
| S/N Ratio | More than 48dB (AGC off) | |
| Lens | f3.8mm / F1.5 | f2.8mm / F1.8 (Optional) |
| Viewing Angle | 65.4° (Diagonal) / 49.9° (Horizontal) / 80.4° (Vertical) | 98° (Diagonal) / 78° (Horizontal) / 126° (Vertical) |
| White Balance | ATW | |
| AGC | Auto | |
| IRIS Mode | AES | |
| POE | YES (IEEE 802.3af) | |
| External Alarm I/O | YES (1 input / 1 output) | |
| RAM | 10MB | |
| MicroSD Card Slot | YES (up to 64GB) | |
| Vandal Resistance | IK08 | |
| Power Source (±10%) | 12V / 1A | |
| Operating Temperature | 0°C~40°C | |
| Operation Humidity | Less than 60% relative humidity | |
| Current Consumption (±10%) | 203mA | |
| Power Consumption (±10%) | 3W (PoE) ; 3W (PoN) ; 2.43W (DC Adapter) | |
| Net Weight (kg) | 0.683 | |

■ Others

| | |
|-----------------------------------|---|
| Mobile Surveillance | iOS & Android mobile devices |
| Motion Detection | YES |
| Event Notification | FTP / Email / SMS |
| 3-Axis | YES |
| RTC (real-time clock) | YES |
| Digital Pan / Tilt / Zoom | YES |
| Minimum Web Browsing Requirements | <ul style="list-style-type: none"> • Intel core i3 or higher, or equivalent AMD • 2GB RAM • AGP graphics card, Direct Draw, 32MB RAM • Windows 8, Windows 7, Windows Vista & Windows XP, DirectX 9.0 or later • Internet Explorer 7.x or later |