



AVM311A



MARS
ETS



HD 720P



External I/O



PoE



Mobile Surveillance



3-Axis

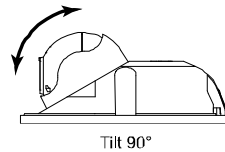
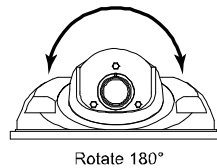
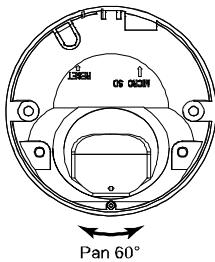


IK08
(lens cover)

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

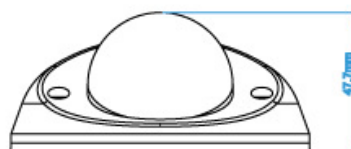
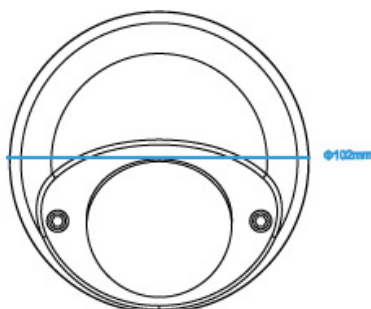


- **External alarm I/O device** connection



- **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
 - Free PC program, **CMS Lite**, for 32CH devices monitoring 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) CMS Lite, 32CH CMS software for Windows operating system (3) EagleEyes on iOS & 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	90% or less 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 10, Windows 8, Windows 7, Windows Vista & Windows XP, DirectX 9.0 or later • Internet Explorer 7.x or later (Windows Edge not supported)

*The specifications are subject to change without notice.