



AVM2220

ETS MARS



HD 1080P



DWDR



PoE



External I/O



Mobile Surveillance



2MP IR Dome IP Camera

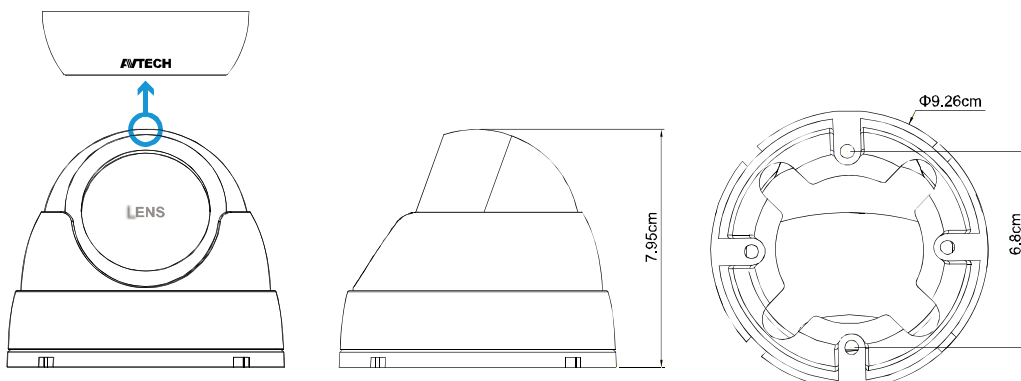
FEATURES

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



- **POE (Power-over-Ethernet)** support to eliminate the use of power cables and reduce installation costs
- **ONVIF** (ONVIFS) standard supported to simplify system integration
- **DWDR** to increase image recognizability in overexposure and dark areas
- IR effective range **up to 25 meters** for night surveillance
- **Waterproof** design on the Ethernet cable connector
- **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: $\pm 5\text{mm}$



● SPECIFICATIONS

■ Network

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)
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

■ Video

Network Compression	H.264 (Main Profile) / MJPEG
Video Resolution	1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 240
Frame Rate	30/25fps
Multiple Video Streaming	4 (H.264 / MJPEG)

■ General

Image Sensor	1/2.7" CMOS image sensor
Min Illumination	0.1 Lux / F1.5, 0 Lux (IR LED ON)
Shutter Speed	1/2 to 1/10,000 sec
S/N Ratio	More than 48dB (AGC off)
Lens	f3.8mm / F1.5
Viewing Angle	77° (Horizontal) / 45° (Vertical) / 88° (Diagonal)
IR LED	2 Units
IR Effective Distance**	Up to 25 meters
IR Shift	YES
White Balance	ATW
AGC	Auto
IRIS Mode	AES
Sharpness	YES
DWDR	YES
POE	YES (IEEE 802.3af)
External Alarm I/O	YES (1 input / 1 output)
Weather-proof	IP66
Operating Temperature	-40°C ~ 50°C
Operating Humidity	90% or less relative humidity
Power Source (±10%)	12V / 1A
Current Consumption (±10%)	213mA (IR LED OFF) / 385mA (IR LED ON)
Power Consumption (±10%)	5.78W (PoE & PoN) ; 4.62W (DC Adapter)
Net Weight (kg)	0.37

■ Others

Mobile Surveillance	iOS & Android mobile devices
Motion Detection	YES
Event Notification	FTP / Email / SMS
3-Axis	YES
RTC (real-time clock)	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.