



AVM2451T

ETS
MARS



HD 1080P



DWDR



PoE



Line in / out



External I/O



Mobile Surveillance

2MP IR Bullet IP Camera

FEATURES

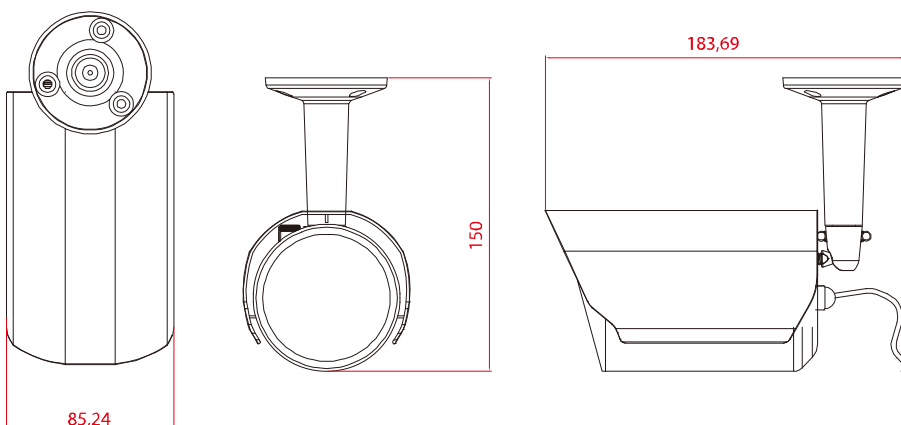
- **External alarm I/O device** connection



- **POE (Power-over-Ethernet)** support to eliminate the use of power cables and reduce installation costs
- **ONVIF** (ONVIFS) standard supported to simplify system integration
- **Line in / out** jacks available for audio transmission

- IR effective range **up to 20 meters** for night surveillance
- **DWDR** to increase image recognizability in overexposure and dark areas
- **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





● 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) 32CH CMS Lite on 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	30fps	
Multiple Video Streaming	4 (H.264, MJPEG)	
■ General		
Image Sensor	1/2.9" CMOS image sensor	
Min Illumination	0.1 Lux / F1.5, 0 Lux (IR LED ON)	
Shutter Speed	1/10,000 ~ 1/7.5 (Slow shutter)	
S/N Ratio	More than 48dB (AGC off)	
Lens	f3.8mm / F1.5	f2.8mm / F1.8 (Optional)
Viewing Angle	73.2° (Horizontal) / 42.8° (Vertical) / 83.2° (Diagonal)	110° (Horizontal) / 62° (Vertical) / 128° (Diagonal)
IR LED	36 units	
IR Effective Distance**	Up to 20 meters	
IR Shift	YES	
Smart Light Control	YES	
White Balance	ATW	
AGC	Auto	
IRIS Mode	AES	
Sharpness	YES	
DWDR	YES	
POE	YES (IEEE 802.3af)	
Privacy Mask	YES	
External Alarm I/O	YES (1 input / 1 output)	
RAM	20MB	
IP Rating	IP67	
Operating Temperature	-25°C ~ 50°C	
Operating Humidity	90% or less relative humidity	
Power Source (±10%)	DC12V / 1A	
Current Consumption (±10%)	287mA (IR LED OFF); 632mA (IR LED ON)	
Power Consumption (±10%)	9.47 (PoE) ; 9.47W (PoN) ; 7.58W (DC Adapter)	
Net Weight (kg)	0.75	



*The specifications are subject to change without notice.

● SPECIFICATIONS (CONTINUED)

■ Audio	
Line in	YES (Mono)
Line out	YES (Mono)
■ Others	
Mobile Surveillance	iOS & Android mobile devices
Event Notification	FTP / Email / SMS
Digital Pan / Tilt / Zoom	YES
Motion Detection	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)

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