AVTECH

EagleEyes for Mobile Surveillance
Official Website: www.avtech.com.tw
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AVM428D

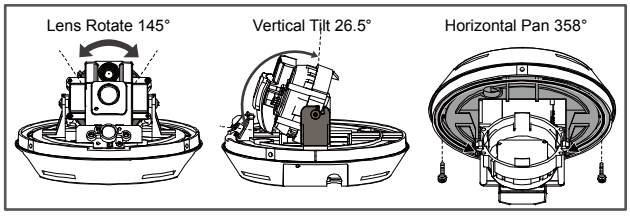
ETS

FULL HD 1080P — HD 1080P
3-Axis
MicroSD Card Recording
External I/O
PoE
Mobile Surveillance

2 MP IR Dome IP Camera

FEATURES

- **3-axis** mechanism for flexible ceiling and wall-mount installation



- MicroSD card (up to 64GB) support for **video storage**
- Microphone built-in for **audio recording**
- **POE (Power-over-Ethernet)** support to eliminate the use of power cables and reduce installation costs
- **External alarm I/O device** connection

- **ONVIF** (ONVIF) standard supported to simplify system integration
- **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.

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SPECIFICATIONS

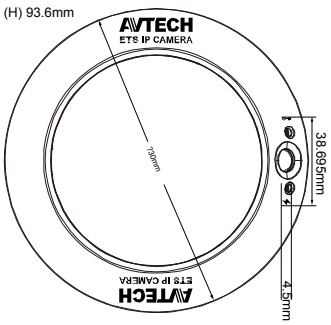
Network	
LAN Port	YES
LAN Speed	10/100 Based-T Ethernet
Supported Protocols	DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP,IPv4, Bonjour, UPnP, DNS,UDP,IGMP, QoS
ONVIF Compatible	YES (Profile S)
Number of Online Users	10
Security	(1) Multiple user access levels with password (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 / MPEG4 / MJPEG
Video Resolution	1920 x 1080 / 1280 x 720 / 640 x 480 / 320 x 240
Frame Rate	30fps
Multiple Video Streaming	4 (H.264, MJPEG, MPEG4)
General	
Image Sensor	1/ 3” SONY CMOS image sensor
Min Illumination	0.1 Lux / F1.5, 0 Lux (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	73.2° (Horizontal) / 47.4° (Vertical) / 85.4° (Diagonal)
IR LED	12 units
IR Effective Distance	Up to 10 meters
PIR Sensor	Detection Range 76° wide angle with up to 6m long distance at 2m height (under 30℃)
IR Shift	YES
White Balance	ATW
AGC	Auto
IRIS Mode	AES
POE	YES (IEEE 802.3af)
External Alarm I/O	YES (1 input / 1 output)
RAM	20MB
MicroSD Card Slot	YES (up to 64GB)
Operating Temperature	0℃~40℃
Operating Humidity	90% or less relative humidity
Power Source (±10%)	12V / 1A
Current Consumption (±10%)	416mA
Power Consumption (±10%)	5.87W (PoE) ; 5.87W (PoN) ; 4.992W (DC Adapter)
Net Weight (Kg)	0.37
Audio	
Microphone Built-in	YES
Line in	YES (Mono)
Line out	YES (Mono)

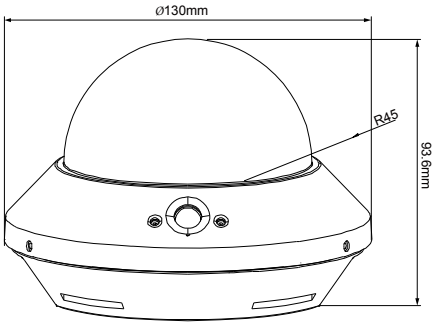
SPECIFICATIONS (CONTINUED)

Others	
Mobile Surveillance	iOS & Android mobile devices
Event Notification	FTP / Email
3-Axis	YES
Digital Pan / Tilt / Zoom	YES
Motion Detection	YES
RTC (real-time clock)	YES
Minimum Web Browsing Requirements	• 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.

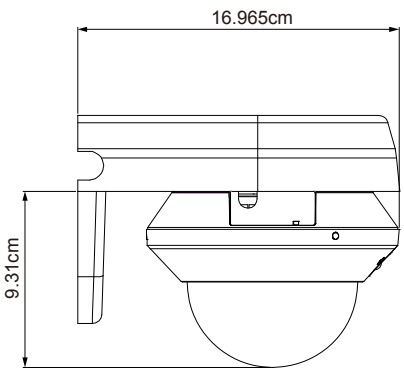
DIMENSIONS

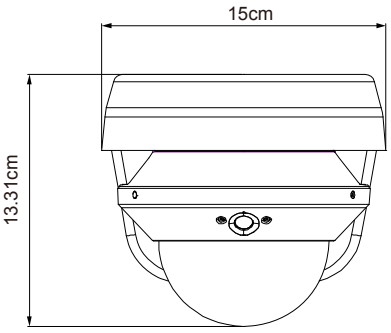




Dimensional tolerance: ± 5mm

OPTIONAL BRACKET





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