AVTECH

EagleEyes for Mobile Surveillance
Official Website: www.avtech.com.tw
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AVM3443

ETS A POLLO

3MP QXGA	Solid Light	Vari-focal Lens	3-Axis	External I/O	**PoE**
3MP	Solid Light	Vari-focal Lens	3-Axis	External I/O	PoE
DWDR	MicroSD Card Recording	IK10	Mobile Surveillance	Line in / out	
DWDR	MicroSD Card Recording	IK10	Mobile Surveillance	Line in / out	

3MP IR Dome IP Camera

⚙ FEATURES

- Equipped with a **vari-focal lens of f2.8 ~ 12 mm**

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

- MicroSD card support (up to 64GB) for **video storage**

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

- **POE (Power-over-Ethernet)** support to eliminate the use of power cables and reduce installation costs

- **ONVIF** (Onvif**S**) standard supported to simplify system integration

- **Solid Light** series featuring better overexposure prevention (Advanced Smart Light Control), automatic adjustment of image brightness, and longer lifetime of LEDs

- **DWDR** to increase image recognizability in overexposure and dark areas

- **IK10** rated, vandal-resistant case to withstand attempts to open or damage the camera

- **Line in / out** jacks available for audio transmission

- **Waterproof** design on the Ethernet cable connector

- **Remote Surveillance**

    -- **Fully comp**atible 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, 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	2048 x 1536 / 1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 240
Frame Rate	30/25fps
Multiple Video Streaming	4 (H.264 /MJPEG)

■ General

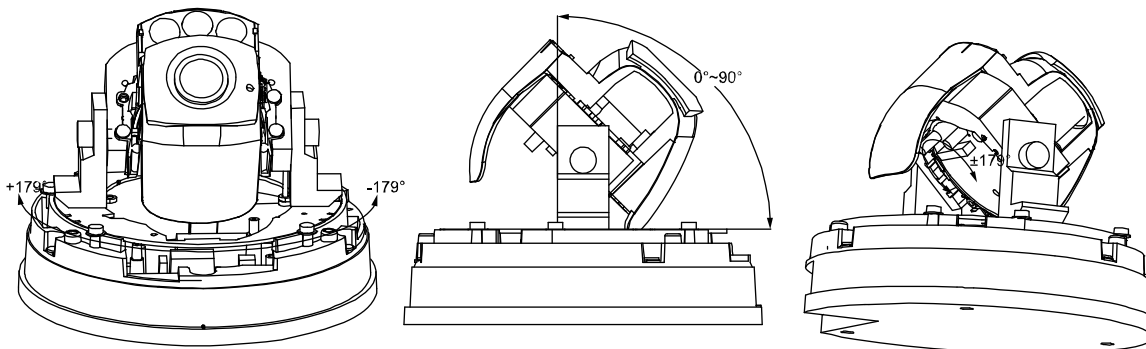|	
Image Sensor	1/ 2.8" SONY CMOS image sensor
Min Illumination	0.1 Lux / F1.4 ~ F2.8, 0 Lux (IR LED ON)
Shutter Speed	1/10,000 ~ 1/7.5 (Slow shutter)
S/N Ratio	More than 48dB (AGC off)
Lens	f2.8 ~ 12mm / F1.4 ~ F2.8
Viewing Angle	Wide: 94° (Horizontal) / 69° (Vertical) / 120° (Diagonal) Tele: 29° (Horizontal) / 22° (Vertical) / 36° (Diagonal)
IR LED	3 Units
IR Effective Distance**	Default: up to 30 meters IR Enhanced Mode: up to 50 meters
IR Shift	YES
Smart Light Control	YES
White Balance	ATW
AGC	Auto
IRIS Mode	AES
DWDR	YES
POE	YES (IEEE 802.3af)
External Alarm I/O	YES (1 input / 1 output)
RAM	20MB
MicroSD Card Slot	YES (support up to 64GB microSD card)
Weather-proof	IP66
Vandal-proof	IK10
Operating Temperature	-25℃ ~ 50℃
Operating Humidity	Less than 60% relative humidity
Power Source (±10%)	12V / 1.5A
Current Consumption (±10%)	280mA (IR LED OFF); 517mA (IR LED ON); 780mA (IR enhanced mode ON)
Power Consumption (±10%)	12.5W Max (PoE) ; 12. 5W Max (PoN) ; 10.5W Max (DC Adapter)
Net Weight (kg)	1.5

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○ SPECIFICATIONS (CONTINUED)

■ Audio	
Line in	YES (Mono)
Line out	YES (Mono)

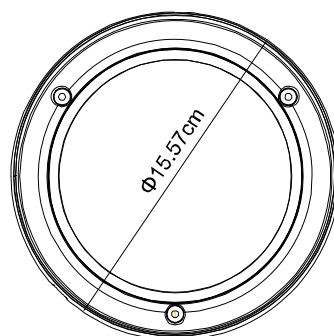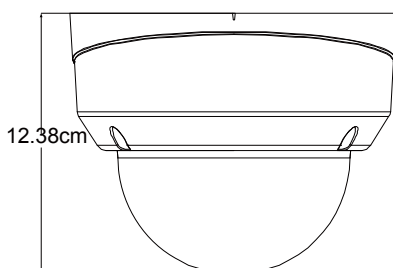| ■ Others	
Mobile Surveillance	iOS & Android mobile devices
Motion Detection	YES
Event Notification	FTP / Email / SMS
3-Axis	YES
Privacy Mask	YES
RTC (real-time clock)	YES
Digital Pan / Tilt / Zoom	YES
Minimum Web Browsing Requirements	• Intel core i3 or higher, or equivalent AMD • 2GB RAM • AGP graphics 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.
** Using IR enhanced mode and slow shutter speed, the distance can be extended even longer.
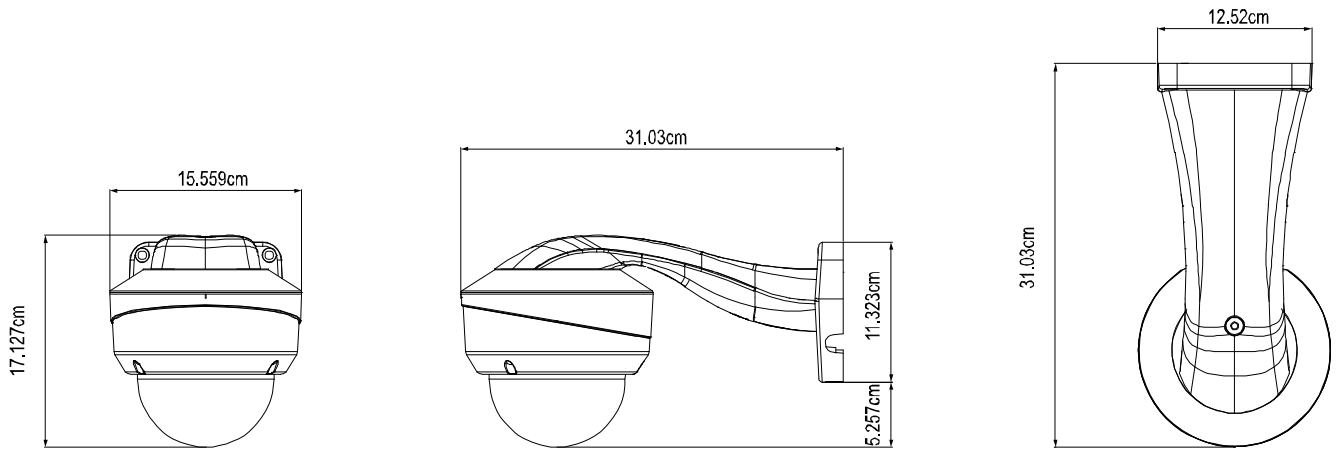
3-AXIS ILLUSTRATION

DIMENSIONS
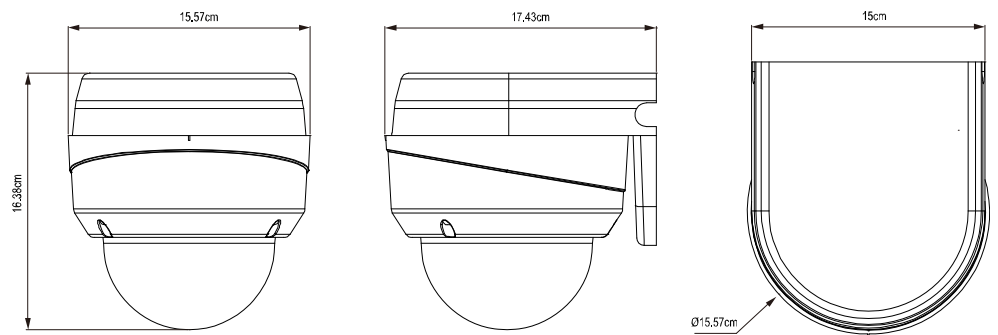

Dimensional tolerance: ± 5mm

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OPTIONAL BRACKETS

■ AVM542-BKT(A)

15.559cm · 17.127cm · 31.03cm · 11.323cm · 5.257cm · 12.52cm · 31.03cm

Dimensional tolerance: ± 5mm

■ PAVM542-BKT(B)

15.57cm · 16.38cm · 17.43cm · 15cm · Ø15.57cm

Dimensional tolerance: ± 5mm
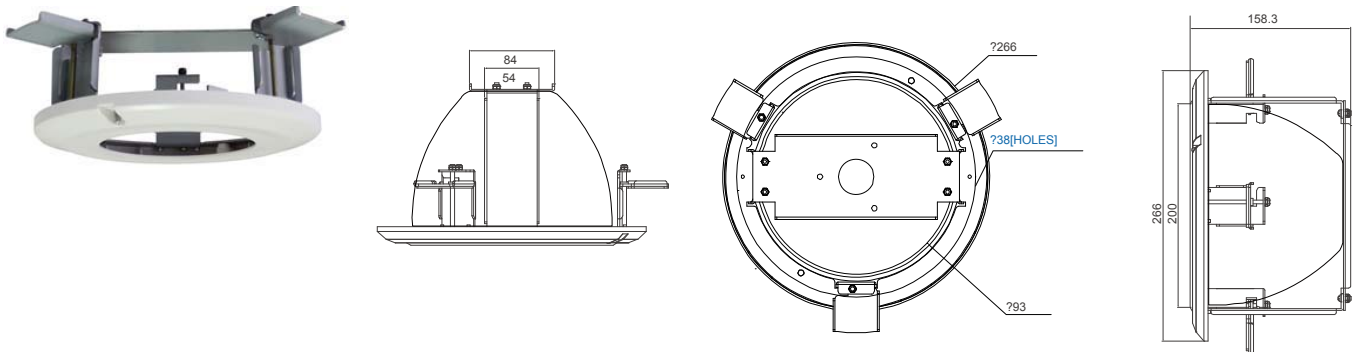
OPTIONAL BRACKETS (CONTINUED)

■ **AVM542-BBKT**

Used as a bracket to mount the camera on the ceiling and collect the cables.
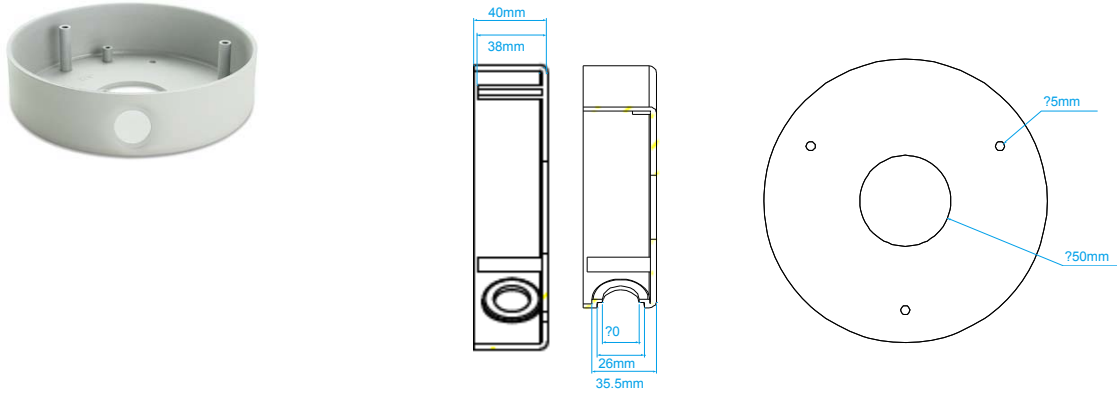
Dimensional tolerance: ± 5mm

■ **AVM542CEIL-BKT (Coming Soon)**

Used as a bracket to mount the camera into the ceiling.

Dimensional tolerance: ± 5mm