AVTECH

AVM420U-NWIR

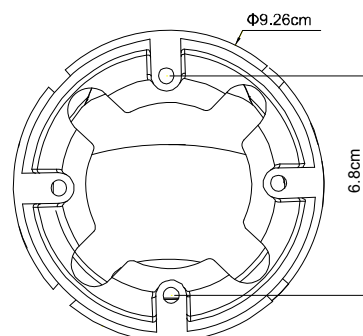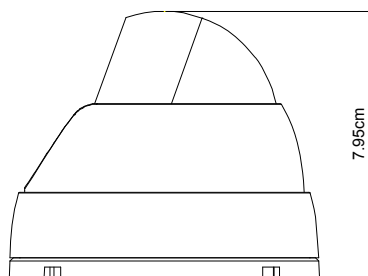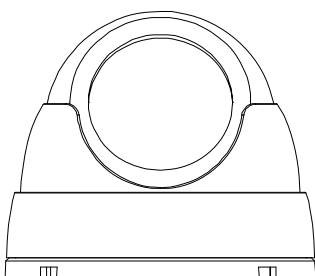| FULL HD 1080P	PoE	New IR	Line in / out	External I/O	Mobile Surveillance
Full HD 1080P	PoE	New IR	Line in / out	External I/O	Mobile Surveillance

2MP IR Dome IP Camera

⭘ FEATURES

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

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

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

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

- **New IR technology** adapted to enhance brightness at night as well as the effective distance of up to 30 meters

- **IP66** weather-proof case for protection against dust and water, suitable for both indoor & outdoor use

- **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

Φ9.26cm

7.95cm

6.8cm

Dimensional tolerance: ± 5mm

⊙ 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) 32CH CMS Lite on Windows operating system (3) EagleEyes on iOS & Android mobile devices

■ Video

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

■ General

Image Sensor	1/2.9" SONY 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	73.2° (Horizontal) / 47.4° (Vertical) / 85.4° (Diagonal)
IR LED	2 units
IR Effective Distance	Up to 30 meters
IR Shift	YES
Smart Light Control	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
IP Rating	IP66
Operating Temperature	-25℃ ~ 50℃
Operating Humidity	90% or less relative humidity
Power Source (±10%)	12V / 1A
Current Consumption (±10%)	355mA (IR LED OFF); 409mA (IR LED ON)
Power Consumption (±10%)	6.1W (PoE / PoN); 4.9W (DC Adapter)
Net Weight (Kg)	0.42

■ Audio

Line in	YES (Mono)
Line out	YES (Mono)

AVTECH

EagleEyes for Mobile Surveillance
Official Website: www.avtech.com.tw
Video Demo: www.avtech.com.tw/seo/video
Facebook: www.avtech.com.tw/seo/facebook

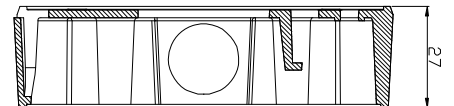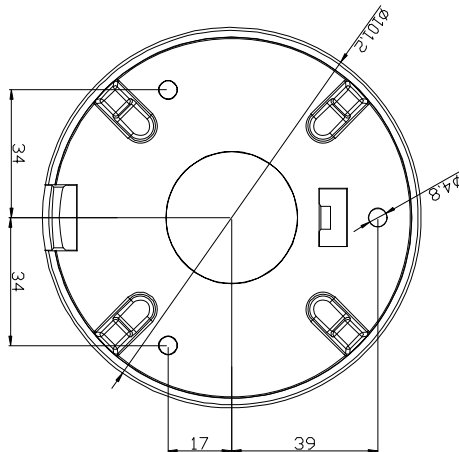## ⚪ SPECIFICATIONS (CONTINUED)

▪ Others	
Mobile Surveillance	iOS & Android mobile devices
Event Notification	FTP / Email / SMS
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.

⚪ OPTIONAL BRACKET

▪ AVN320-BKT

Used as a bracket to mount the camera on the ceiling and collect the cables.

Dimensional tolerance: ± 5mm