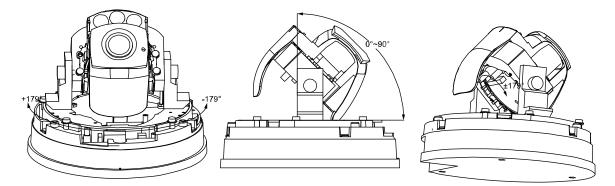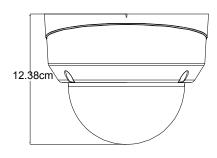# AVTECH

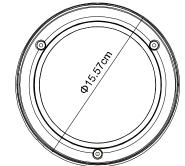# AVM542

2 MP IR Dome IP Camera

FEATURES

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

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

- MicroSD card support for **video storage**

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

- **ONVIF** standard supported to simplify system integration

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

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

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

- **Smart Light Control** to dynamically adjust image performance for clear and accurate images

- **Remote Surveillance**
  -- **Fully compatible** with **iOS** and **Android** devices, and **Internet Explorer** on Windows operating system

3-AXIS ILLUSTRATION

DIMENSIONS (Dimensional tolerance: ± 5mm)

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

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 (2.0)
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) EagleEyes on iOS & Android mobile devices (3) CMS software (36CH / 16CH version free download from AVTECH official website) for up to 36 network cameras control simultaneously

■ **Video**	
Network Compression	H.264 / MJPEG
Video Resolution	1080P to CIF
Frame Rate	30/25fps
Multiple Video Streaming	4 (H.264 /MJPEG)

■ **General**	
Image Sensor	1/2.9" CMOS image sensor
Min Illumination	0.1 Lux / F1.4, 0 Lux (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: 97.4° (Horizontal) / 58.1° (Vertical) / 111.7° (Diagonal) Tele: 27.1° (Horizontal) / 15.2° (Vertical) / 31.1° (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

■ **Camera**	
AGC	Auto
IRIS Mode	AES
WDR	YES
POE	YES (IEEE 802.3af)
External Alarm I/O	YES (1 input / 1 output)
MicroSD Card Slot	YES
Weather-proof	IP66
Vandal-proof	IK10
Operating Temperature	-20℃~40℃
Power Source (±10%)	12V / 1.5A
Current Consumption (±10%)	849mA

EagleEyes for Mobile Surveillance

Official Website : www.eagleeyescctv.com
Video Demo : www.eagleeyescctv.com/video
Facebook : www.eagleeyescctv.com/facebook

SPECIFICATIONS (CONTINUED)

■ Others	
Mobile Surveillance	iOS & Android mobile devices
Motion Detection	YES
Event Notification	FTP / Email / SMS
3-Axis	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 7, Vista & XP, DirectX 9.0 or later • Internet Explorer 7.x or later

*The specifications are subject to change without notice.

** Using IR enhanced mode and slow shutter speed, the distance can be extended even longer.

12.38cm

Φ15.57cm

+179°　　-179°

0°~90°