



AVM552A

2 MP Vari-focal IP Camera



FEATURES

- Equipped with a vari-focal lens of f2.8 ~ 12 mm, suitable for various monitoring environments
- MicroSD card support 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 standard supported to simplify system integration
- IR LED built-in for night surveillance with max effective range up to 25 meters
- WDR to increase image recognizability in overexposure and dark areas
- 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

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
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 iPhone, iPad & Android mobile devices (3) CMS software (36CH / 16CH version free download from AVTECH official website) for up to 36 network cameras control simultaneously
■ Video	
Video Compression	H.264 / MJPEG
Resolution	1080P to CIF
Frame Rate	30/25 fps
Multiple Video Streaming	4 (H.264, MJPEG)
■ General	
Image Sensor	1/2.8" HD CMOS image sensor
Min Illumination	0.1 Lux / F1.4(Wide)~F2.8(Tele), 0 Lux (LED ON)
S/N Ratio	More than 48dB (AGC off)



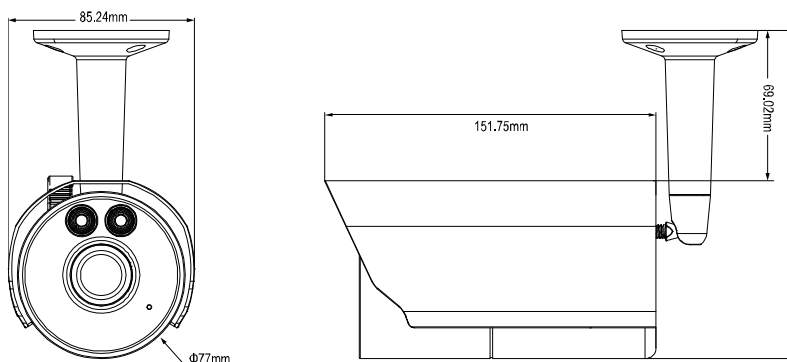
SPECIFICATIONS (CONTINUED)

Electronic Shutter	1/10,000 ~ 1/7.5 (Slow shutter)
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	2 Units
IR Effective Range**	Default : up to 25 meters IR Enhanced Mode : up to 35 meters
IR Shift	YES
Smart Light Control	YES
IRIS Mode	AES
White Balance	ATW
AGC	Auto
MicroSD Card Slot	YES
IP Rating	IP66
Operating Temperature	-20°C ~ 40°C
Power Source (±10%)	12V / 1A
Current Consumption (±10%)	700mA
WDR	YES
Others	
Mobile Surveillance	iOS & Android
ONVIF Compatible	YES
POE (Power-over-Ethernet)	YES (IEEE 802.3af)
Event Notification	FTP / Email / SMS
External Alarm Device Connection	YES
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 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 on 1/10 sec, the distance can be extended even longer.

DIMENSIONS (mm)



*Dimensional tolerance: ± 5mm