



AVM592



HD 1080P



PTZ



Push Video



WDR



PoE



Auto Tracking



EaZy Networking



20X Optical Zoom



MicroSD Card Recording



External I/O



Mobile Surveillance



2MP 20X PTZ IP Camera

FEATURES

- Zoom lens of f4.7 ~ 94mm with **20x optical zoom, 16x digital zoom and auto focus**, suitable for various monitoring environments
- **PTZ control** for seamless monitoring:
 - Capable of **360° pan rotation continuously** and 180° tilt movement, allowing quick and smooth action of the camera lens
 - **Auto Tracking** to follow moving objects
 - **Hot Point** support to quickly move the camera to the specified point remotely
 - Up to **16 preset points & four sequence groups** programmable for multiple points monitoring, and **auto pan**
- **Free P2P Cloud EaZy Networking**
 - Cloud **EaZy Networking** available to connect this device to Internet automatically in three steps with our free mobile app, EagleEyes.
 - The **Buddy** feature to share the device access permission to other people.
 - Device login / out notifications reported.
- MicroSD card support (up to 128GB) 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** (**ONVIFS**) standard supported to simplify system integration
- **WDR** to increase image recognizability in overexposure and dark areas
- IR effective range up to **150 meters** for night surveillance
- **IP66** for outdoor application
- **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



● 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/IPv6, 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	1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 240
Frame Rate	30 fps
Multiple Video Streaming	4 (H.264, MJPEG)
Bitrate Control	SVBR control (VBR + Max bitrate)

■ General

Image Sensor	1/2.8" Sony CMOS image sensor
Min Illumination	0.1 Lux / F1.6(Wide)~F3.5(Tele), 0 Lux (IR LED ON)
Shutter Speed	1 / 60 (1/50) to 1 / 100,000 sec.
S/N Ratio	More than 48dB (AGC off)
Lens	f4.7 ~ 94mm / F1.6 (Wide) ~ 3.5(Tele), auto focus
Viewing Angle	1X: 60.8° (Horizontal) / 35.3° (Vertical) / 68.3° (Diagonal) 20X: 3.4° (Horizontal) / 1.9° (Vertical) / 3.8° (Diagonal)
IR LED	10 units
IR Effective Distance	150 meters
IR Shift	YES
White Balance	Auto / 2500K / 3200K / 4200K / 5800K / 9500K
AGC	YES
IRIS Mode	YES
Sharpness	YES
WDR	YES
PoE*	YES
External Alarm I/O	YES (1 input / 1 output)
RAM	20MB
MicroSD Card Slot	YES (up to 128GB)
RS-485	YES
IP Rating (weather-proof)	IP66
Operating Temperature	-25°C ~ 50°C
Operating Humidity	90% or less relative humidity
Power Source (±10%)	AC 24V / DC15 ~ 28V
Current consumption (±10%)	DC19V / 1.5A
Power Consumption (±10%)	PoE / PoN: 35W; DC Adapter: 28W
Net Weight (kg)	6.9



● SPECIFICATIONS (CONTINUED)

■ PTZ Mechanism

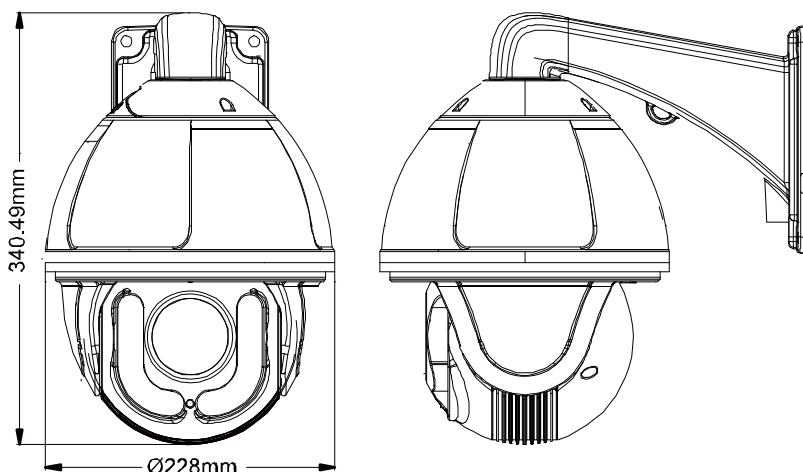
Pan Range	360° continuous rotation
Max. Pan Speed	180°/s
Tilt Range	-3° ~ 90°
Max. Tilt Speed	100°/s
Zoom Ratio	20X Optical Zoom
Max. Zoom Speed	Approx. 3s (Tele ~ Wide)
Preset Points	Up to 256 preset points
Sequence Group	1. Up to four groups can be set 2. One group can include up to 16 preset points
Auto Tracking	YES

■ Others

Mobile Surveillance	iOS & Android
EaZy Networking	YES
Event Notification	Push Video / FTP / Email / SMS
Digital Pan / Tilt / Zoom	YES
Reset Default	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 10, Windows 8, Windows 7, Windows Vista & Windows XP, DirectX 9.0 or later • Internet Explorer 7.x or later (Windows Edge not supported)

* When PoE is used for power supply, the IR Turbo mode might not work properly. **The specifications are subject to change without notice.

● DIMENSIONS



*Dimensional tolerance: ± 5mm