



AVM583



HD 1080P



PTZ



WDR



PoE



Vari-focal
Lens



20x
Optical
Zoom



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
- Capable of **360° pan rotation continuously** and 180° tilt movement, allowing quick and smooth action of the camera lens
- **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



- **Remote Surveillance**
 - **Fully compatible** with **iOS** and **Android** devices, and **Internet Explorer** on Windows operating system
 - **Push Video** available on your iOS and Android devices when used with Push Video NVR series
- **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 Scan**



○ 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) 16CH Video Viewer on Windows & MAC operating system (3) EagleEyes on iPhone, iPad & Android mobile devices

■ Video

Network Compression	H.264 (Main Profile) / MJPEG
Video Resolution	1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 288
Frame Rate	30 fps
Multiple Video Streaming	4 (H.264, MJPEG)

■ General

Image Sensor	1/2.8" Sony CMOS image sensor
Min Illumination	0.1 Lux / F2.0
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° / 10X: 3.4° (Horizontal) / 1X: 35.3° / 10X: 1.9° (Vertical) / 1X: 68.3° / 10X: 3.8° (Diagonal)
White Balance	Auto / Indoor 1 / Indoor 2 / Sun / Cloudy * Indoor1 = 9000K; Indoor2 = 3000K; Sun = 5500K; Cloudy = 7000K
AGC	YES
IRIS Mode	YES
Sharpness	YES
WDR	YES
POE	YES (IEEE 802.3af)
External Alarm I/O	YES (1 input / 1 output)
IP Rating (weather-proof)	IP66
Operating Temperature	-20°C ~ 40°C
Power Source (±10%)	DC12V, 1A
Dimensions (mm)	300(H) x 220(D) (without bracket)



● SPECIFICATIONS (CONTINUED)

■ PTZ Mechanism	
Pan Range	360°
Max. Pan Speed	100°/s
Tilt Range	180°
Max. Tilt Speed	100°/s
Zoom Ratio	20X Optical Zoom
Max. Zoom Speed	Approx. 3s (Tele ~ Wide)
Preset Points	Up to 16 preset points
Sequence Group	<ol style="list-style-type: none"> 1. Up to four groups can be set 2. One group can include up to 16 preset points
■ Others	
Mobile Surveillance	iOS & Android
Event Notification	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 7, Windows Vista & Windows XP, DirectX 9.0 or later • Internet Explorer 7.x or later

*The specifications are subject to change without notice.

** Dimensional tolerance: ± 5mm