AVTECH

EagleEyes for Mobile Surveillance
Official Website : www.eagleeyescctv.com
Video Demo : 203.66.45.240/seo/video
Facebook : 203.66.45.240/seo/facebook

AVP583

FULL HD 1080P	PTZ	WDR	PoC	Audio
HD 1080P	PTZ	WDR	PoC	Audio
Auto Tracking	Vari-focal Lens	20x zoom	External I/O	Mobile Surveillance
Auto Tracking	Vari-focal Lens	20X Optical Zoom	External I/O	Mobile Surveillance

ETS   APOLLO PRO

2MP 20X PTZ IP Camera

⊙ FEATURES

- Worked with **PoC (Power-over-Coaxial) converter, AVX912R6,** to set up the whole HD IP system with coaxial cables, suitable for replacing your existing CCTV system to HD IP system effectively

- 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 Scan**

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

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

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

WDR OFF   WDR ON

- **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.

SPECIFICATIONS

■ Network

Data Transmission Speed	10/100/1000 Based-T
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) 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 288
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
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)
White Balance	Auto / 2500K / 3200K / 4200K / 5800K / 9500K
AGC	YES
IRIS Mode	YES
Sharpness	YES
WDR	YES
PON	YES
External Alarm I/O	YES (1 input / 1 output)
RAM	20MB
MicroSD Card Slot	YES (up to 64GB)
Heater	Optional
IP Rating (weather-proof)	IP66
Operating Temperature	-25℃ ~ 50℃
Operating Humidity	90% or less relative humidity
Power Source (±10%)	DC12V, 1.5A
Current consumption (±10%)	800mA
Power Consumption (±10%)	PoC: 12W / DC Adapter: 9.6W
Dimensions (mm)	300(H) x 220(D) (without bracket)
Net Weight (kg)	1.692

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⚙ SPECIFICATIONS (CONTINUED)

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

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

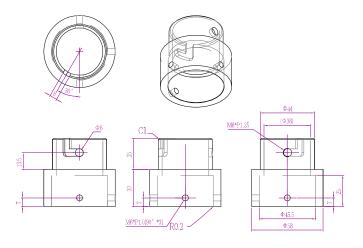| Others	
Mobile Surveillance	iOS & Android
Event Notification	FTP / Email / SMS
Digital Pan / Tilt / Zoom	YES
Reset Default	YES
Motion Detection	YES
RTC (real-time clock)	YES
Minimum Web Browsing Requirements	• Intel core i3 or higher, or equivalent AMD • 2GB RAM • AGP graphics card, Direct Draw, 32MB 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.

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⊙ OPTIONAL PERIPHERALS

■ PTZCON3

Used for AVM583 as a connector to connect specific optional brackets.
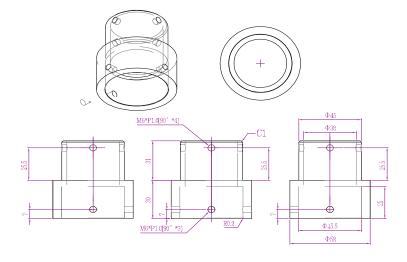

■ PTZCON2

Used for AVM583 as a connector to connect optional brackets, such as brackets from Panasonic.

■ PTZCON1

Used for AVM583 as a connector to connect optional brackets, such as brackets from Pelco.

* Dimensional tolerance: ± 5mm