# AVTECH

# AVZ592

| | | | | |
|---|---|---|---|---|
| **FULL HD 1080P** | **PTZ** | **PoE** | **WDR** | **Audio** |
| HD 1080P | PTZ | PoE | WDR | Audio |
| **20x zoom** | **MicroSD** | **Auto Tracking** | **External I/O** | **Mobile** |
| 20X Optical Zoom | MicroSD Card Recording | Auto Tracking | External I/O | Mobile Surveillance |

**IP / Tribrid Output / TVI / AHD**
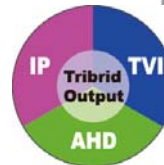
## Tribrid 2MP 20X Speed Dome Camera

## ⊙ FEATURES

- Tribrid video output of **IP**, **TVI** and **AHD** to fulfill different customers' requirements

- Zoom lens of f4.7 ~ 94mm with **20x optical zoom and auto focus**, suitable for various monitoring environments

- **PTZ control** for seamless monitoring:
  - Capable of **360° pan rotation continuously** with the **tilt movement of -6° ~ 90°**, 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 **256 preset points** & **four sequence groups** programmable for multiple points monitoring, and **auto pan**

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

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

- **POE (Power-over-Ethernet)** support

- to eliminate the use of power cables and reduce installation costs

- MicroSD card support (up to 64GB) for **video storage**

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

- **Line in / out** jacks available for audio transmission

- IR effective range up to **200 meters** or more when the **IR Turbo** mode is on

- **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 when used with Push Video NVR series.

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

## ⭕ SPECIFICATIONS

### ■ Network

| | |
|---|---|
| LAN Port | YES |
| LAN Speed | 10/100 Based-T Ethernet |
| 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, IEEE802.1X, SNMP |
| ONVIF Compatible | YES (Profile S) |
| Number of Online Users | 10 |
| Security | (1) Multiple user access levels with password<br>(2) IP address filtering<br>(3) Digest authentication |
| Remote Access | (1) Internet Explorer on Windows operating system<br>(2) CMS Lite, 32CH CMS software for Windows operating system<br>(3) EagleEyes on iOS & Android mobile devices |

### ■ Video

| | |
|---|---|
| Video Output | IP, TVI*,AHD* and CVBS |
| Compression Format | 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)<br>20X: 3.4° (Horizontal) / 1.9° (Vertical) / 3.8° (Diagonal) |
| IR LED | 8units |
| IR Effective Distance | Default: Up to 200 meters / IR Turbo mode: More than 200 meters |
| IR Shift | YES |
| Smart Light Control | YES |
| White Balance | Auto / 2500K / 3200K / 4200K / 5800K / 9500K |
| AGC | YES |
| IRIS Mode | YES |
| Sharpness | YES |
| WDR | YES |
| PoE | 802.3at |
| External Alarm I/O | YES (1 input / 1 output) |
| RAM | 20MB |
| MicroSD Card Slot | YES (up to 64GB) |
| RS-485 | YES |
| IP Rating (weather-proof) | IP66 |
| Operating Temperature | -25℃ ~ 50℃ |
| Operating Humidity | 90% or less relative humidity |
| Power Source (±10%) | AC 24V / DC19V |
| Current consumption (±10%) | DC19V / 1.3A |
| Power Consumption (±10%) | PoE / PoN: 30.2W; DC Adapter: 25W |
| Net Weight (kg) | 6.9 |

* TVI and AHD output: 1.0 Vp-p composite, 75Ω    **The specifications are subject to change without notice.

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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 | 90º/s |
| Tilt Range | -6° ~ 90° |
| Max. Tilt Speed | 70º/s |
| Zoom Ratio | 20X Optical Zoom / 16X Digital 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<br>2. One group can include up to 16 preset points |
| Auto Tracking | 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<br>• 2GB RAM<br>• AGP graphics card, Direct Draw, 32MB RAM<br>• Windows 10, Windows 8, Windows 7, Windows Vista & Windows XP, DirectX 9.0 or later<br>• Internet Explorer 7.x or later (Windows Edge not supported) |
| Optional Peripherals | USB Joystick (AVX102) |
| Certification | CE |

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## ⊙ DIMENSIONS*
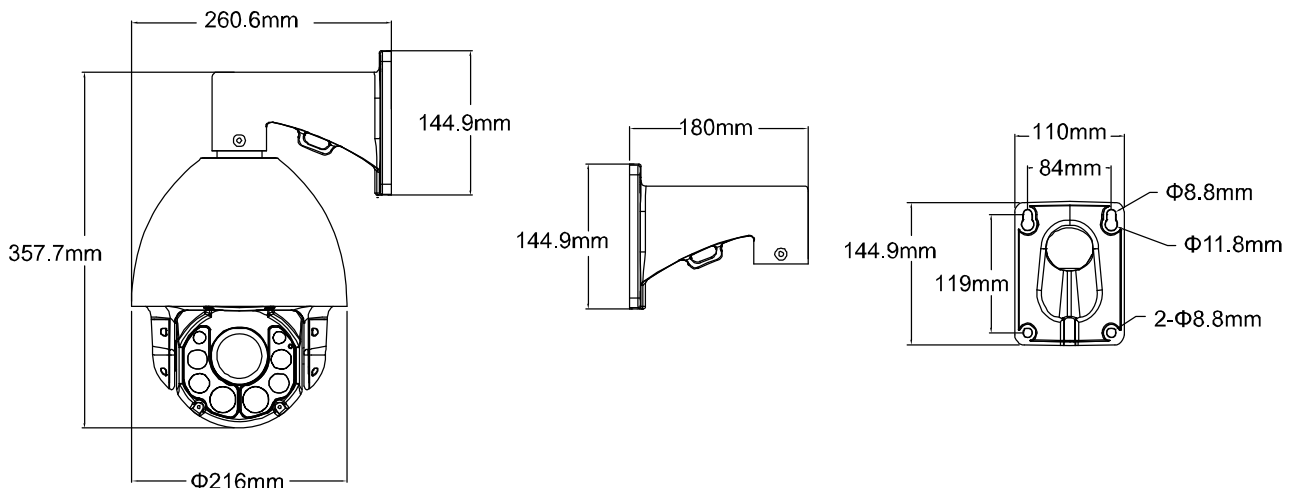


*Dimensional Tolerance: ± 5mm