

# Network Camera

TVT-B2812POE-6MP-AI

6MP Dual Illumination Bullet Network Camera



**Arrowhead**  
Alarm Products



## Features

- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 6MP ( 3200 1800)
- Auto day/night switch, ROI coding & supports three streams
- 3D DNR, HWDR, HLC, BLC, etc.
- Supports smart supplement light
- 30~40m white light view distance; 30~50m IR view distance
- DC12V/PoE power supply
- IP 67 ingress protection
- Supports line crossing detection, region intrusion detection, abandoned/missing object detection & video exception detection

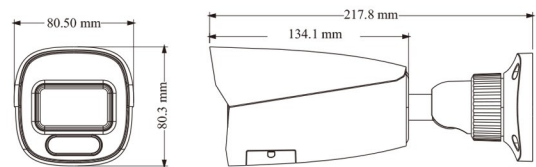


## SPECIFICATIONS

| Specifications             | Model | TVT-B2812POE-6MP-AI   |
|----------------------------|-------|---|
| <b>Camera</b>              |       |   |
| Image Sensor               |       | 1 / 2.5 "CMOS   |
| Image Size                 |       | 3200×1800   |
| Electronic Shutter         |       | 1 / 4 s ~ 1 / 100000 s  |
| Iris Type                  |       | Fixed Iris  |
| Min. Illumination          |       | 0.008 lux @F1.6, AGC ON; 0 lux with illumination on   |
| Lens                       |       | 2.8~12mm@F1.6, H.FoV: 108°~36°;<br>V.Fov: 57°~20°;D.FoV: 129°~42°   |
| Focus                      |       | Motorized   |
| Lens Mount                 |       | Φ14   |
| Day&Night                  |       | ICR   |
| Wide Dynamic Range         |       | 120dB   |
| BLC                        |       | Yes   |
| HLC                        |       | Yes   |
| Digital NR                 |       | Yes   |
| S/N Ratio                  |       | ≥ 50dB  |
| Angle Adjustment           |       | Pan: 0°~360°; Tilt:0°~90°;Rotation: 0°~360°   |
| <b>Image</b>               |       |   |
| Video Compression          |       | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub /Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG  |
| H.265 Compression Standard |       | Main Profile@Leve4.1 High Tier  |
| Resolution                 |       | 6MP ( 3200 × 1800 ), 4MP ( 2688 × 1520 ), 1080P ( 1920 × 1080 ),<br>720P ( 1280 × 720 ), D1, VGA ( 640 × 480 ), 480 × 240, CIF                            |
| Main Stream                |       | 60Hz: 6MP(1~20fps) /4MP/1080P (1~30fps)<br>50Hz: 6MP(1~20fps) /4MP/1080P (1~25fps)  |
| Sub Stream                 |       | 720P/D1/VGA/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)  |
| Third Stream               |       | D1/480×240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)   |
| Bit Rate                   |       | 64 Kbps ~8Mbps  |
| Bit Rate Type              |       | VBR / CBR   |
| Image Settings             |       | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser |
| Audio Compression          |       | G711 A/U  |
| ROI                        |       | Each ROI to be configured separately  |
| <b>Interfaces</b>          |       |   |
| Network                    |       | RJ45  |
| Video Output               |       | No  |
| Audio                      |       | 1CH audio input; 1CH built-in MIC   |
| Storage                    |       | Built-in micro SD card slot, up to 256GB  |
| Reset                      |       | Yes   |
| <b>Functions</b>           |       |   |
| Remote Monitoring          |       | Web browser /TVT NVR/NVMS2.X/Mobile APP   |
| Web Browser                |       | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+  |
| Online Connection          |       | Support simultaneous monitoring for up to 6 users;<br>Support multi-stream real time transmission   |
| Network Protocol           |       | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS                           |
| Interface Protocol         |       | ONVIF   |
| Storage                    |       | Network remote storage; micro SD card storage   |
| Smart Alarm                |       | Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, video exception   |
| Smart Event                |       | Line crossing/region intrusion (human/vehicle classification), abandoned/missing object detection   |
| General Function           |       | Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, smart supplement light, corridor pattern                                      |
| PoE                        |       | Yes (IEEE802.3af)   |
| Supplement Light Range     |       | IR range: 30 ~ 50 m; white light range:30 ~ 40 m  |
| Ingress Protection         |       | IP67  |

|                          |  |            |            |           |
|--------------------------|--|------------|------------|-----------|
| Security                 | Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP |            |            |           |
| <b>DORI Distance</b>     |  |            |            |           |
| Lens                     | Detect   | Observe    | Recognize  | Identify  |
| 2.8mm                    | 69m(226ft)   | 28m(92ft)  | 14m(46ft)  | 7m(23ft)  |
| 3.6mm                    | 105m(344ft)  | 42m(138ft) | 21m(69ft)  | 10m(33ft) |
| 2.8~12mm(W)              | 66m(218ft)   | 27m(87ft)  | 13m(44ft)  | 7m(23ft)  |
| 2.8~12mm(T)              | 204m(669ft)  | 82m(269ft) | 41m(135ft) | 20m(66ft) |
| <b>Others</b>            |  |            |            |           |
| Power Supply             | DC12V/PoE  |            |            |           |
| Power Consumption        | <9.5W  |            |            |           |
| Storage Conditions       | - 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)   |            |            |           |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)   |            |            |           |
| Dimensions ( mm )        | 217.8 × 80.5 × 80.3  |            |            |           |
| Weight ( net )           | Approx. 0.68KG   |            |            |           |
| Installation             | Ceiling mounting; wall mounting  |            |            |           |
| Certificate              | CE, FCC  |            |            |           |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)   |            |            |           |

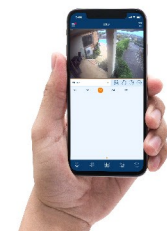
## DIMENSIONS



## AVAILABLE ACCESSORIES



## SuperCam Plus



## Plug & Play CCTV