

Panoramic Starlight Camera

TVT-P180-8POE

8.0MP Starlight 180° Panoramic Bullet
Network Camera



- Adopt 4 high-performance 2MP 1/2.8" CMOS image sensors;
Max. resolution: 8MP (4096 × 1800) @30fps
- Starlight, HLC, Defog, Network Camera
- 180° panoramic view brings out clear details and deeper depth of field compared with the traditional fisheye camera
- Support panoramic splicing images; multi-screen display mode will provide excellent hands-on experience for clients
- Support H.265 coding, high compression ratio and low bitrate
- Support ROI (Region of Interest)
- Support smart IR function so that overexposure will not appear in most scenes; Up to 20m night view distance
- Built-in micro SD card slot, up to 128GB
- IP67 For New Zealand Conditions
- Intelligent Analytics (optional): object removal detection, abnormal video signal detection, line crossing detection, region intrusion detection and people intrusion detection
- 2 Year Return to Base Warranty

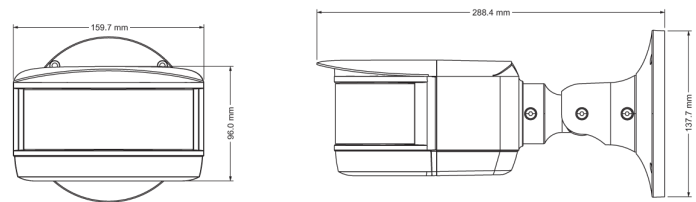


SPECIFICATIONS

| Specifications | Model | TVT-P180-8POE |
|------------------------|---|---------------|
| Camera | | |
| Image Sensor | Four 1 / 2.8 " Progressive Scan CMOS | |
| Max. Resolution | 4096 × 1800 | |
| Electronic Shutter | 1 s ~ 1 / 10000 s; auto/manual | |
| Day & Night | IR-CUT | |
| S/N Ratio | >50dB | |
| NR | 2D/3D DNR | |
| Gain Control | Manual/auto | |
| White Balance | Manual/auto/indoor/outdoor | |
| HLC | Yes | |
| Lens | 3.3mm | |
| Lens Mount | M12 | |
| Field of View | Pan: ≥ 180°; Tilt: 80° | |
| Min. Illumination | Color: 0.03Lux B&W: 0.001Lux 0 Lux with IR | |
| IR Distance | 20m | |
| IR LEDs | Eight | |
| Smart IR | Yes | |
| Image&Encoding | | |
| Video Compression | H.265 / H.264 / MJPEG | |
| Video Bit Rate | 128 Kbps ~ 16 Mbps | |
| Audio Compression | G.711A/U | |
| Resolution | 4096 × 1800, 3480× 1680 , 2880 × 1264, 1024 × 452, 704 × 320 | |
| Image Settings | ROI, Saturation, Brightness, Chroma, Contrast, NR, etc. adjustable through client software or web browser | |
| ROI | Each ROI to be configured separately | |
| Smart Features | | |
| Basic Event | Motion detection, video tampering detection, SD card error, IP conflict, cable disconnection | |
| Smart Event | Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting (optional) | |
| Alarm Linkage | SD card record, triggering record, notifying control center, uploading SD card, sending E-mail | |
| Network | | |
| Protocols | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, PPPoE, DHCP | |
| API | ONVIF, API, SDK | |
| Simultaneous Live View | Up to 10 channels | |
| User/Host | Up to 10 accounts; 3 levels: administrator, advanced user, normal user | |
| Security Measures | User authentication; host authentication (MAC address); HTTPS encryption; IEEE802.1x port-based network access control; IP address filtering | |
| Interfaces | | |
| Storage | Built-in micro SD card slot, up to 128GB | |
| Audio | 1CH audio input; 1CH audio output | |
| Network | 1 RJ 45 10M/100M Ethernet port, PoE (802.3af) | |

| | |
|---------------------|--|
| RS 485 | 1 CH; Pelco-D/P protocol, custom protocols available |
| Alarm | 1CH alarm input; 1CH alarm output |
| General | |
| Power | DC12V/PoE(802.3af) |
| Working Environment | Temperature: -30°C~60°C Humidity: <95% (non-condensing) |
| Protection Grade | IP 67, IK 10, TVS6000V lightning protection, surge protection and voltage transient protection |
| Weight | Approx. 2.1KG (net); Approx. 3.61KG (gross) |

DIMENSIONS



AVAILABLE ACCESSORIES



Screen Shots

Panoramic image during
the day time



Panoramic image at night
on day mode (starlight)



Panoramic image at night
auto mode



Panoramic image at dusk
on day mode (starlight)

