



In'spector V10 Laser PTZ camera integrates a 35x zoom 5MP visual module and 500m laser illuminator, gives operators the ability to monitor large areas in any light condition and adverse weather. Built-in machine learning algorithms accurately detect and classify human and vehicle threats moving, minimizing false alarms and daily operations costs. The exceptional detection capabilities and the flexibility of installation, Inspector V10 helps integrators provide solutions for various special applications.

Features

Human & Vehicle Classification

With a variety of in-house machine learning algorithms supported, the Inspector V10 notifies you of people, vehicles or anomalies to help you identify potential threats.

Large Area Coverage

4.8-168mm 35x visible zoom lens with Optical Defog, V10 perfectly balances the field of view with maximizing the detection distance.

See Clearly in All Light Conditions

With advanced 500m laser illuminator, V10 presents every detail even in full darkness and adverse weather.

Excellent Compatibility

Compatible with the standard Onvif protocol, V10 is perfectly accessible by the most popular VMS on the market.

Technical Specs

| Visible Camera | | | | |
|--------------------------|--|-------------|-------------|----------------|
| Image Sensor | 1/2.8" STARVIS progressive scan CMOS | | | |
| Resolution | 2560 x 1920, 5MP | | | |
| Lens | 4.8 - 168mm, 35x motorized zoom, F1.6 - F4.4 Field of view:56.1°x 43.6(H x V)-1.75°x 1.31°(H x V) Near focus distance: 1-5m Zoom speed: <3.5s(W-T) Focus modes: Semi-auto/Auto/Manual/One-push | | | |
| Min. illumination | Color: 0.0005Lux, B/W: 0.0001Lux, AGC ON, F1.6 | | | |
| Electronic Shutter Speed | 1/3-1/30000s | | | |
| Noise Reduction | 2D/3D | | | |
| Image Stabilization | EIS | | | |
| Day/Night | Auto(ICR)/Manual | | | |
| White Balance | Auto/Manual/ATW/Indoor/Outdoor/Sodium Lamp/Streetlight/Natural | | | |
| WDR | 120dB | | | |
| Optical Defog | Auto/Manual | | | |
| Anti-heatwave | Auto/Manual | | | |
| Digital Zoom | 16x | | | |
| DORI Ratings* | Detection | Observation | Recognition | Identification |
| | 3360m | 1333m | 672m | 336m |

*The DORI standard (based on the IEC EN62676-4:2015 international standard) defines different levels of detail for detection (25PPM), observation (62PPM), recognition (125PPM), and Identification (250PPM). This table is for reference only and performance may vary depending on the environment.

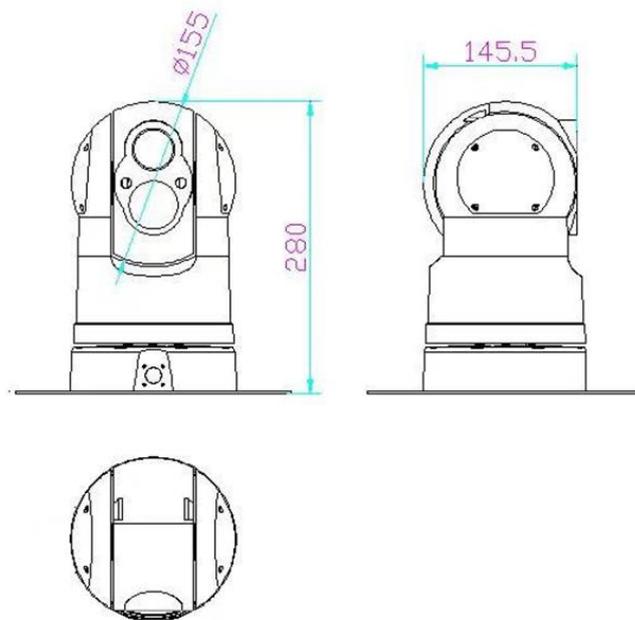
| Laser Illuminator | |
|-------------------|---|
| Wavelength | 850nm±5nm |
| Ranging distance | ≥ 500m |
| Angle | 2° -52° |
| Angle Control | Manual/Synchronized |
| Pan/Tilt | |
| Pan | Range: 360° continuous rotation Speed: 0°- 60°/s |
| Tilt | Range: -20° to +90° Speed: 0°-40°/s |
| Preset | 128 |
| Tour | 8, Up to 32 presets per tour |
| Scan | 5 |
| Pattern | 5 |
| Park | Preset/Tour/Scan/Pattern |
| Scheduled Task | Preset/Tour/Scan/Pattern |
| Power-off Memory | Support |

| | |
|--------------------------|---|
| Proportional P/T to Zoom | Support |
| Video and Audio | |
| Video Compression | H.265/H.264/H.264H/ H.264B/MJPEG |
| Main Stream | Visible: 50/60fps (2688 x 1520, 1920 x 1080, 1280 x 720), 16fps@MJPEG Thermal: 25fps (1280 x 1024, 1280 x 720) |
| Sub Stream | Visible: 25/30fps (1920 x 1080, 1280 x 720, 704 x 576, 352 x 288) Thermal: 25fps (704 x 576, 352 x 288) |
| Image Encoding | JPEG, 1-7fps (2688 x 1520) |
| OSD | Name, Time, Preset, Temperature, P/T Status, Zoom, Address, GPS, Image overlay, Abnormal info |
| Audio Compression | AAC (8/16kHz), MP2L2(16kHz) |
| Network | |
| Network Protocols | IPv4, IPv6, HTTP, HTTPS, TCP, UDP, RTSP, RTCP, RTP, ARP, NTP, FTP, DHCP, PPPoE, DNS, DDNS, UPnP, IGMP, ICMP, SNMP, SMTP, QoS, 802.1x, Bonjour |
| API | ONVIF(Profile S, Profile G, Profile T), HTTP API, SDK |
| User | Up to 20 users, 2 level: Administrator, User |
| Security | User authentication (ID and password), IP/MAC address filtering, HTTPS encryption, IEEE 802.1x network access control |
| Web Browser | IE, EDGE, Firefox, Chrome |
| Web Languages | English/Chinese |
| Storage | MicroSD/SDHC/SDXC card (Up to 1Tb) edge storage, FTP, NAS |
| Analytics | |
| Perimeter Protection | Line crossing, Fence crossing, Intrusion |
| Target Distinction | Human/Vehicle/Vessel Classification |
| Behavioral Detection | Object left in area, Object removal, Fast moving, Gathering, Loitering, Parking |
| Events Detection | Motion, Masking, Scene change, Audio detection, SD card error, Network disconnection, IP conflict, Illegal network access |
| Auto Tracking | Multiple detection tracking modes |
| Interface | |
| Alarm Input | 1-ch |
| Alarm Output | 1-ch |
| Audio Input | 1-ch |
| Audio Output | 1-ch |
| Ethernet | 1-ch RJ45 10M/100M |
| General | |
| Casing | IP 67 |
| Power | 12V AC, typical 19W, max 22W, AC24V/3A Power adapter included TVS 6000V, Surge protection, Voltage transient protection |
| Operating Conditions | Temperature: -30°C to +60°C/22°F -140°F, Humidity: <90% |
| Dimensions | Φ 280*155mm |
| Weight | 5kg |

Ordering Information

| Model No. | Description |
|-----------------------|--|
| VS-PTZ5035YCE-L05-V10 | 5MP 35x Compact Laser IR Mobile PTZ Camera |

Dimensions



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