



The Inspector T10L is a compact PTZ system integrates a 32x zoom 5MP visual module with a 500M laser illuminator and a nimble positioning system, T10L gives operators the ability to monitor wide areas in any light conditions. Built-in machine learning algorithms of the camera accurately detect and classify human and vehicle threats moving, minimizing false alarms and daily operations costs. The exceptional detection and identification capabilities of Inspector T10L help integrators provide solutions for challenging imaging problems at critical infrastructure sites and remote facilities.

Features

Human & Vehicle Classification

With a variety of in-house machine learning algorithms supported, the Inspector T10L notifies you of people, vehicles or anomalies to help you identify potential threats.

Large Area Coverage

4.7-150mm 32x visible zoom lens, Inspector T10 perfectly balances the field of view with maximizing the detection distance.

See Clearly in All Light Conditions

1/2.8" 5MP Starvis 2 sensor, along with 500M laser illuminator, T10 presents every detail even in full darkness and adverse weather.

Agile Positioning

A fast & precise positioning system with auto-tracking capability offers a hand-following control experience for every operator.

Technical Specs

Visible Camera				
Image Sensor	1/2.8" STARVIS progressive scan CMOS			
Resolution	2560 x 1920, 5MP			
Lens	4.7 - 150mm, 32x motorized zoom, F1.6 - F4.3 Field of view: 57.1° x 44.4° (H x V) - 1.96° x 1.47° (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/AI-ISP			
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
	3000m	1190m	600m	300m

*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°-100°/s
Tilt	Range: -90° to +90° Speed: 0°-60°/s
Positioning Accuracy	± 0.1°
Preset	256
Tour	8, Up to 32 presets per tour
Scan	5
Pattern	5
Park	Preset/Tour/Scan/Pattern
Scheduled Task	Preset/Tour/Scan/Pattern

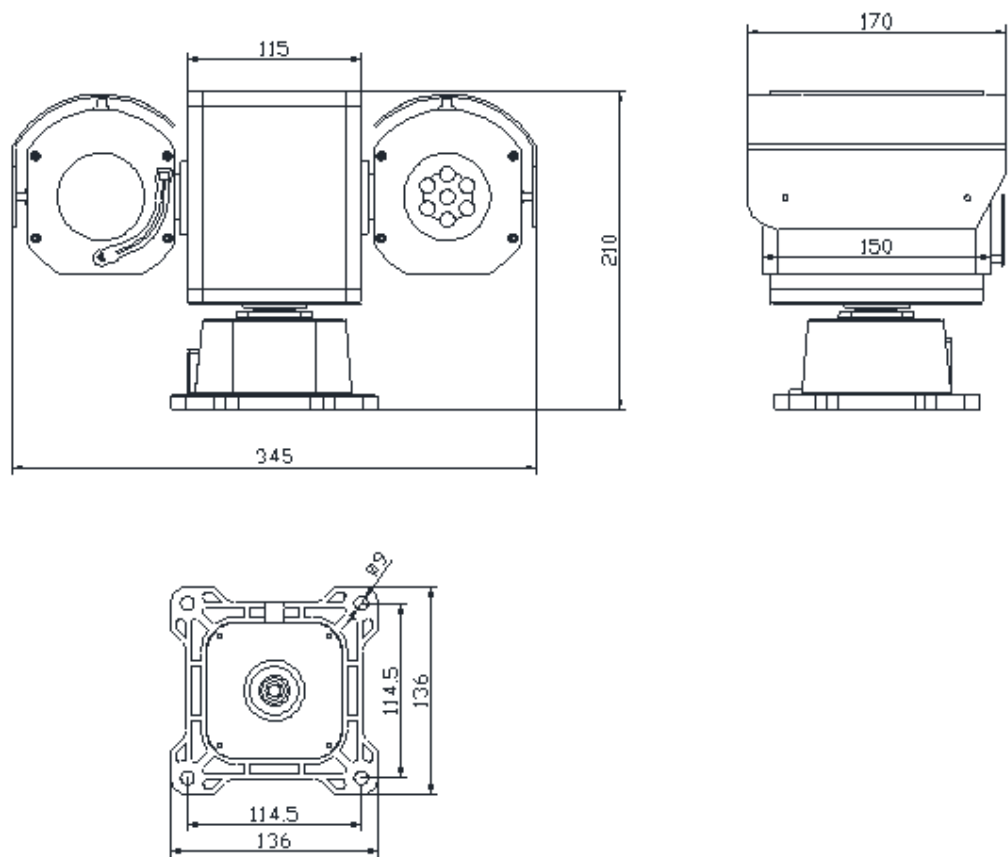
Power-off Memory	Support
Snap Positioning	Support
Proportional P/T to Zoom	Support
Heater/Fan	Auto
Wiper	Integrated, Manual/Scheduled
Video and Audio	
Video Compression	H.265/H.264/H.264H/ H.264B/MJPEG
Main Stream	25/30fps (2560 x 1920, 1920 x 1080, 1280 x 720), 16fps@MJPEG
Sub Stream	25/30fps (1920 x 1080, 1280 x 720, 704 x 576, 352 x 288)
Image Encoding	JPEG, 1~7fps (2560 x 1920)
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 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
RJ485	1-ch
General	
Casing	IP 67
Power	DC24V \pm 25%, max 40W (Customizable low power consumption) Military-grade aviation port

	TVS 6000V, Surge protection, Voltage transient protection
Operating Conditions	Temperature: -40°C to +65°C/-40°F-149°F, Humidity: <90%
Dimensions	345*210*170mm (W×H×L)
Weight	3.5kg

Ordering Information

Model No.	Description
VS-PTZ5032YIE-L05-T10	5MP 32x Compact Laser IR Positioning Camera

Dimensions



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