4K 25X 500M Laser Vehicle IP PTZ Camera

Key Features

- 4K(4096*2160@24fps,3840*2160@25/30fps),3D DNR Digital Noise Reduction;
- 25X Optical Zoom, Fast Auto Focus;
- 360°continuous pan,-90°~90° tilt with"AUTO FLIP";
- 0°~60°/s pan speed, 0°~40°/s tilt speed;
- Unique design to fulfill Anti-fog and defogging;
- Defogging /defrosting function(High quality heating parts);
- Defog, IR Laser 500 meters;
- Synchronization zoom, enabling focus precisely adjusting the light intensity;
- Working Temperature:-35° ~ +65°.

Technical parameters

Model	
Model No.	SVN-25T10N4K-500
Type	4K Real-time 25X 500M Laser IP PTZ Camera
Lens	
Optical Zoom	25X Optical Zoom
Focus Length	f5.6~140mm
IRIS	Fw1.6~Ft3.4
FoV (W～T)	59.8w x 3.0t
MOD	1.5M(w) ～5M(t)
Camera	
Image Sensor	1/1.7"12MP CMOS
Min. illumination	Color: 0.2 Lux B/W: 0.1 Lux @(F1.6,AGC ON)
Wide Dynamic Range	dWDR, Max 120dB WDR
Electronic Shutter	1/10000s to 1/25s
Day and Night	Automatic day and night type infrared filter switching mechanism
SNR	> 52dB
Compression	
Video Compression	H.265 /H.264/ MJPEG
Encoding Level	H.264 BP/MP/HP,H.265 main profile
Bit Rate	32 Kbps ~ 12Mbps
Max resolution	UHD-4K(3840x2160), 8.29MP, 25/30fps
Horizontal Resolution	>2000TVL(3840x2160 pixels)
Multi-streams	4K + Full D1 +CIF/HDMI/CVBS
Video Code Rate	Under all resolutions, it can in full frame rate simultaneously output multi-channel video streams, frame speed and frame rate are adjustable, H.264 support VBR/CBR

Frame Rate	25/30fps
Audio Compression	G.711(ALAW)/MP2/G.711(MULAN)
Audio Code Rate	16K/24K/32K/40K/48K/56K/64K/128K/256K

Functions

Focus Mode	Auto Focus, ZF (Zoom Trigger AF), Manual Focus
Exposure Control	Auto, Manual, prior (shutter or Max AGC), brightness
Exposure Zone	Auto, centre exposure, Global exposure, Manually select area
Exposure Compensation	5 levels adjustable
White Balance	Auto, Scenes, Manual
Gain	Auto, threshold value control
BLC	Support
Strong Light Inhibition	Support
Image Special effects	Rotation and mirror image, user-defined mode
Noise Reduction	3D-MCTF digital noise reduction
Day & Night Mode	Auto/Color/BW
ICR Switch	Auto, Timing, Alarm Trigger
OSD	Multi-zone intelligent OSD: date, time, scene name, user-defined OSD (5 lines & multi-character)
Defog	Support

Smart

Dynamic ROI	Dynamic ROI setting, support respective setting fixed area or dynamic tracking.
Intelligent Alarm	Motion detection, sensor linkage alarm, boundary violation detection, regional intrusion detection, left objects detection, lens cover, flow statistics.
Others	Correction of wide-angel lens distortion, Gamma compensation and color enhancement, a key to restore factory settings, Anti-flicker, four streams, heartbeat, image rotation, privacy zone shelter, watermark, set access port.
Protocol supported	IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP, FTP, UPnP, DDNS, NTP, IGMP, ICMP

Network

Compatible Protocol	ONVIF, GB/T 28181
Security	Password protect, multi-user access control
Web Service	built-in WEB Visiting Page
API Integration	Supply SDK, APP and NVR and CMS management platform software
Storage	SDHC/SDXC card slot, up to 64GB

Pan/Tilt

Pan preset speed	100°/s
Tilt preset speed	60°/s
Pan control speed	0°~60°/S
Tilt control speed	0°~40°/S
Pan range	360° endless rotation
Tilt range	-90° ~ +90°
Preset positions	256 positions 8 tracking
Control	RS485, Built-in 16 protocol, Baud Rate from 2400Bps to 19200Bps optional

Laser

Distance	500m
wavelength	850±10nm(940nm / 980nm)
Illumination angle	Far angle 2.4 °: effective distance > 500m, spot diameter < 21m
	Near angle 70.0 °: effective distance > 40m
Laser chip power	2.2±0.3W
Total power consumption	<11.0W

General	
Working Temperature	-35° ~ +65°
Working Humidity	Less than 90%
Protection Grade	IP66
Power Supply	DC12V3A/PoE
Wiper	Support
Installation	Variety of installation according to the environment
Weight	7KG
Dimension	L404 x W222 x H335(mm)

Dimension(Unit: mm)