

VST-IPT8650LBL-Z33

5MP 33x Laser PTZ Network Camera



Key Features

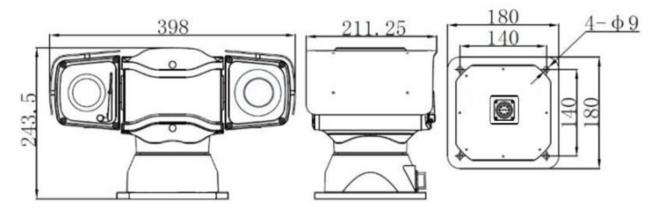
- 1/2.8" progressive scan CMOS
- 33x optical zoom,16x digital zoom
- 5MP(2592×1944) @ 25/30fps
- Support face, human and vehicle detection and capture
- Support smoke and fire detection as well as smart motion detection
- Intelligent Analysis: intrusion, single line crossing, double line crossing, loitering, wrong way, illegal parking, people counting
- 3D DNR, WDR, ICR, Defog, Anti-shake
- Laser distance up to 800 m
- IP66

Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2592(H)×1944 (V)
Electronic Shutter	
	Auto/Manual, 1/5~ 1/20,000s Color: 0.07 Lux @ (F1.6, AGC ON)
Min. illumination	B/W: 0.007 Lux @ (F1.6, AGC ON), 0 Lux with IR
Day & Night	IR cut filter
Lens	
Focal Length	5.3 to 175mm
Max. Aperture	F1.6 ~ F4.3
Angle of View	H: 55.23° ~ 2.67°, V: 31.61° ~ 1.62°
Optical Zoom	33x
Digital Zoom	16x
Focus Control	Auto/Manual/Semi-automatic
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: -90° ~ +90°
Pan Speed	Pan speed: 0° to 80°/s, preset speed: 100°/s
Tilt Speed	Tilt speed: 0° to 60°/s, preset speed: 60°/s
Presets/Tracking	256 positions, 8 tracking, preset accuracy $\pm 0.1^{\circ}$
Wiper	Support
Illuminator	
Supplemental Lighting	Laser
Wavelength	808nm
Laser Distance	Up to 800 m (2624.67 ft)
Power Consumption	8.5±0.5W
Illumination Angle	Motorized zoom, adjustable continuously from 30° to 0.8°
Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1944, 2560×1520, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
Image	
Image Adjustment	Brightness/Sharpness/Contrast/Saturation adjustable
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Smart IR	Support
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, Anti-shake

support the accurate detection of vehicle and human Smoke and Fire Detection People Counting Support Smart Motion Detection Network IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS ONVIF, SDK, CGI Streaming Method Unicast Max. User Access Ubers Web Viewer Language Language Interface Network Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH			
Motion Detection Privacy Masking Support 40 zones, mask color configurable Audio Compression G.711 (8kbps), RAW_PCM (16kbps) Smart Function Multi-Object Detection Intrusion, Single line crossing, Double line crossing, Lottering, Wrong way, Illegal Parking (the six function support the accurate detection of vehicle and human support the accurate detection of vehicle and human support Smart Motion Detection Support Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access Web Viewer Language Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V-30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Wide Dynamic Range	True WDR	
Privacy Masking Support 40 zones, mask color configurable Audio Compression G.711 (8kbps), RAW_PCM (16kbps) Smart Function Multi-Object Detection Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six function support the accurate detection of vehicle and human support the accurate detection of vehicle and human support Smart Motion Detection Support Protocols IPV4, IPV6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access Unicast Unicast Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V-30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	S/N Ratio	50dB	
Compression G.711 (8kbps), RAW_PCM (16kbps) Smart Function Multi-Object Detection	Motion Detection	Support	
Compression G.711 (8kbps), RAW_PCM (16kbps) Smart Function Multi-Object Detection Support face, human, vehicle detection and capture Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six function support the accurate detection of vehicle and human Smoke and Fire Detection Support Support Support Smart Motion Detection Support Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Veb Viewer LE11, Chrome, Firefox, Microsoft Edge Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V-30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Privacy Masking	Support 40 zones, mask color configurable	
Smart Function Multi-Object Detection Multi-Object Detection Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six function support the accurate detection of vehicle and human Support People Counting Smart Motion Detection Network IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SMMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access Unicast Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Degrating Humidity Less than 90% RH	Audio		
Multi-Object Detection Support face, human, vehicle detection and capture Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six functior support the accurate detection of vehicle and human Smoke and Fire Detection Support Support Smart Motion Detection Support IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access Ubsers Veb Viewer Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Compression	G.711 (8kbps), RAW_PCM (16kbps)	
Detection Support Face, numan, venicle defection and capture Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six functior support the accurate detection of vehicle and human Smoke and Fire Detection People Counting Support Smart Motion Detection Network Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS., QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer IE11, Chrome, Firefox, Microsoft Edge English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	Smart Function		
Intelligent Analysis Loitering, Wrong way, Illegal Parking (the six function support the accurate detection of vehicle and human Smoke and Fire Detection People Counting Support Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Veb Viewer Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	•	Support face, human, vehicle detection and capture	
Detection People Counting Support Smart Motion Detection Network Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Coperating Humidity Less than 90% RH	Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six functions support the accurate detection of vehicle and human),	
Smart Motion Detection Network Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS., QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH		Support	
Detection Network Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users Web Viewer Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	People Counting	Support	
Protocols IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DNS., QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI		Support	
Protocols RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Interoperability ONVIF, SDK, CGI Streaming Method Unicast Max. User Access 10 Users <ie11, (10="" 1="" 100="" 60="" 90%="" adjustable="" base-t)="" bit-rate="" chinese,="" chrome,="" connector="" consumption="" cvbs="" czech,="" d="" dc9v~30v="" default:="" edge="" electrical="" englis="" english,="" ethernet="" firefox,="" french,="" humidity="" hungarian.="" interface="" is="" italian,="" less="" max.="" microsoft="" network="" operating="" pelco-p="" poe++="" polish,="" portuguese,="" power="" rh<="" rj-45="" rs485="" russian,="" spanis="" supply="" support="" td="" temperature="" than="" w=""><td colspan="2">Network</td></ie11,>	Network		
Streaming Method Max. User Access 10 Users Veb Viewer Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	Protocols		
Max. User Access Web Viewer <pre></pre>	Interoperability	ONVIF, SDK, CGI	
Web Viewer <pre> <ie11, (-31°f="" (10="" -35°c="" 1="" 100="" 140="" 60="" 60°c="" 90%="" <="" adjustable="" base-t)="" bit-rate="" chinese,="" chrome,="" connector="" consumption="" cvbs="" czech,="" d="" dc9v~30v="" default:="" edge="" electrical="" englis="" english,="" ethernet="" firefox,="" french,="" humidity="" hungarian.="" interface="" is="" italian,="" less="" max.="" microsoft="" network="" operating="" pelco-p="" poe++="" polish,="" portuguese,="" power="" pre="" rh="" rj-45="" rs485="" russian,="" spanis="" supply="" support="" temperature="" than="" w="" ~="" °f)=""></ie11,></pre>	Streaming Method	Unicast	
Language English, Chinese, Polish, Italian, Portuguese, Spanis Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Max. User Access	10 Users	
Russian, French, Czech, Hungarian. Default: Englis Interface Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	Web Viewer	<ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,>	
Network Interface 1 Ethernet (10/100 Base-T) RJ-45 Connector RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English	
RS485 Support PELCO-P/D Bit-rate is adjustable CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Interface		
CVBS Interface Support Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector	
Electrical Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	RS485	Support PELCO-P/D Bit-rate is adjustable	
Power Supply DC9V~30V/POE++ Power Consumption Max. 60 W Operating Temperature Operating Humidity Less than 90% RH	CVBS Interface	Support	
Power Consumption Max. 60 W Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Electrical		
Operating Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Power Supply	DC9V~30V/POE++	
Temperature -35°C ~ 60°C (-31°F ~ 140 °F) Operating Humidity Less than 90% RH	Power Consumption	Max. 60 W	
		-35°C ~ 60°C (-31°F ~ 140 °F)	
Ingress Protection IP66	Operating Humidity	Less than 90% RH	
ingross r totection in ou	Ingress Protection	IP66	
Certifications CE/FCC	Certifications	CE/FCC	
Casing Metal	Casing	Metal	
Dimensions 398×211×243.5mm (∮ 15.67×8.31×9.59 inch)	Dimensions	$398\times211\times243.5$ mm (ϕ 15.67 \times 8.31 \times 9.59 inch)	
Net Weight 7 kg	Net Weight	7 kg	

Dimensions (mm)



Accessories