

#### VSPTZIP3122WSL-X4IR

## 2\*2MP Dual-lens Ultra-low Light Network PTZ camera



### **Key Features**

















- Fixed camera and PTZ camera integration, dual channels with one IP, look at overall situation and consider details at the same time
- High quality image with 2MP,1/2.8" CMOS sensor
- 1920\*1080@25fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 4X optical zoom of PTZ channel allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- PTZ channel can be linked by fixed channel' smart intrusion prevention to track the objects triggering the rule
- Ultra-low Light technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Built-in 2\*mic & high-power speaker, support two-way audio, has better sound performance
- Support ceiling mount and wall mount
- IR & warm light illumination to deal with different scenes and achieve full-color illumination
- DC12V or PoE+(IEEE 802.3at) power supply



# Specifications

Sensor   1/2 8", 2 MP, CMOS		VSPTZIP3122WSL-X4IR						
Color-0.002 lux (F1.6, AGC ON)   Olux with IR	Camera	Panorama			Detail			
Min. Illumination         0 lax with IR (Warm light           Day/Night         IR-cut filter with auto switch (ICR)           Shutter         Auto/Manual, 1 "1/100000">           Angle Adjustment         Pano" to 360°, titt: 18" s", rotate: N/A         N/A           WDR         120dB         VEX.	Sensor	1/2.8", 2MP, CMOS						
Olux with IR  Olux with IR  Aut_Offmanual, 1 **_1/10000005  Angle Adjustment  Pan: 0 *to 360*, bits 18" t 5", rotate: N/A  N/A  N/B  N/B  1208  5/N  2.8mm@F1.6  128mm@F1.6  N/A  Optical Zoom  Optical	Min. Illumination	Color:0.002 lux (F1.6, AGC ON)			Color:0.002 lux (F1.6, AGC ON)			
Shitter         Auto/Manual, 1"1/10000000000000000000000000000000000	0 lux with IR				0 lux with IR/Warm light			
Angle Adjustment         Pans: 0" to 360", tilt: 18" 5", rotate: N/A         M/A           WDR         120d8         ————————————————————————————————————	Day/Night	IR-cut filter with auto sw	IR-cut filter with auto switch (ICR)					
WOR         JOWDR           S/R         Jower Seals           Lens type         2.8mm@F1.6         J.8."12mm@F1.6, AF automatic focusing and motorized zoom lens           Digital Zoom         N/A         4X         Jower Seals and motorized zoom lens           Angle of View (M)         10.24"         4X         Jower Seals and motorized zoom lens           Angle of View (V)         54.9"         54.9"         4X         Jower Seals and motorized zoom lens           Angle of View (V)         54.9"         54.9"         55.7" 1.7"         Job Seals Angle of View (V)         54.9"         Job Seals Angle of View (V)         86.55" 17.4"         Job Seals Angle of View (V)         86.55" 17.4"         Job Seals Angle of View (V)         86.70" 2.5" 17.4"         Job Seals Angle of View (V)         Job Seals Angle of View (V)         Job Seals Angle of View (V) <td< td=""><td>Shutter</td><td>Auto/Manual, 1 ~ 1/100</td><td colspan="6">Auto/Manual, 1 ~ 1/100000s</td></td<>	Shutter	Auto/Manual, 1 ~ 1/100	Auto/Manual, 1 ~ 1/100000s					
Sylon         Jewine File         Jewine	Angle Adjustment	Pan: 0° to 360°, tilt: 18°± 5°, rotate: N/A N/A						
Lens type         2.8mm@F1.6         3.28*12mm □F1.6, AF automatic focusing and motorize zoom lens           Digital Zoom         N/A         4X         Very Color Septical Zoom         Lens type         4X         Very Color Septical Zoom         Lens daperture         Very Color Septical Zoom         Lens daperture         Lens daperture         Lens daperture         Lens daperture         Lens forw Journal	WDR	120dB			DWDR			
Cancer	S/N	> 52dB						
AF automatic focusing and motorized zoom lens	Lens				ı			
Optical Zoorn         N/A         4x           Iris         Fixed aperture         40.66° → 0.6°           Angle of View (H)         102.4°         106.6° → 0.6°           Angle of View (V)         54.9°         55.5° ~ 1.7 √           Angle of View (O)         33.1°         35.5° ~ 1.7 √           DORI         DORI Distance         Lens (mm)         Detect (m)         Observe (m)         Recognize (m)         Identify (m)           2.8(Panorama)         43.4(142.5ft)         17.4(57.0°)         8.7(28.5ft)         4.3(4.3ft)           1.2(Detail)         43.4(142.5ft)         17.4(57.0°)         8.7(28.5ft)         4.3(14.3ft)           Illuminator         Illuminator           Use manage         My for 10 (32.8 ft)         43.4(142.5ft)         17.4(57.0°)         8.7(28.5ft)         4.3(14.3ft)           Wavelength         Soom (R)         19.5 (1	Lens type	2.8mm@F1.6			- ·			
Iris         Fixed aperture           Angle of View (P)         102.4°         106.6° × 30.6°           Angle of View (O)         54.9°         56.5° ~ 17.4°           Angle of View (O)         133.1°         138.6° ~ 37.6°           DORI           DORI Observe (m)         Detect (m)         Observe (m)         Recognize (m)         Identify (m)           2.8 (Panorama)         43.4 (142.5ft)         17.4 (57.0ft)         8.7 (28.5ft)         4.3 (14.3ft)           1.2 (Detaill)         43.4 (142.5ft)         17.4 (57.0ft)         8.7 (28.5ft)         4.3 (14.3ft)           1.2 (Detaill)         43.2 (93.46ft)         65.2 (21.3ft)         8.7 (28.5ft)         4.3 (14.3ft)           Illuminator           IR Range         Up to 10m (32.8 ft)         Up to 50m (164.0 ft)           Warm Light Range         N/A         Up to 50m (164.0 ft)           Wavelength         850nm (IR)         Up to 10m (32.8 ft)         Up to 10m (32.8 ft)           Wideo Compression         Ulira 265, H.265, H.265, H.264, MPEG         Up to 30m (30m (30m (30m (30m (30m (30m (30m	Digital Zoom	N/A			4X			
Angle of View (H)	Optical Zoom	N/A			4x			
Angle of View (V) 54.9° 56.5° ~ 17.4°  Angle of View (O) 133.1° 138.6° ~ 37.6°    DORI	Iris	Fixed aperture						
DORI	Angle of View (H)				106.6° ~ 30.6°			
DORI           Lens (mm)         Detect (m)         Observe (m)         Recognize (m)         Identify (m)           2.8 (Panorama)         4.3.4(142.5ft)         17.4(57.0ft)         8.7(28.5ft)         4.3(14.3ft)           2.8 (Detail)         43.4(142.5ft)         17.4(57.0ft)         8.7(28.5ft)         4.3(14.3ft)           Illuminator           IR Range         Up to 10m (32.8 ft)         Up to 50m (164.0 ft)           Warm Light Range         N/A         Up to 10m (32.8 ft)         Up to 10m (32.8 ft)           Wavelength         850nm (IR)         Up to 10m (32.8 ft)         Up to 10m (32.8 ft)           Video Compression         Ultra 265, H.264, MJPEG         Up to 30m (Stream: 1080P (1920*1080),Max 25fps         Up to 30m (Stream: 720P (1280*8720), Max 25fps           Video Bit Rate         128 kbps*16 Mbps         Up to 40 Sps         Up to 40 Sps           Up to 4 areas           Video Streams         Up to 4 OSps         Up to 4 Osps         Up to 4 Agrees, up to 4 areas per scene         Up to 4 Agrees, up to 4 areas per scene         Up to 4 Osps	Angle of View (V)	54.9°						
Lens (mm)   Detect (m)   Observe (m)   Recognize (m)   Identify (m)	Angle of View (O)							
DORI Distance   2.8(Panorama)   43.4(142.5ft)   17.4(57.0ft)   8.7(28.5ft)   4.3(14.3ft)     2.8(Detail)   43.4(142.5ft)   17.4(57.0ft)   8.7(28.5ft)   4.3(14.3ft)     12(Detail)   162.9(534.6ft)   65.2(213.8ft)   32.6(106.9ft)   16.3(53.5ft)     Illuminator	DORI				ı			
DORI Distance   2.8 (Detail)   43.4 (142.5ft)   17.4 (57.0ft)   8.7 (28.5ft)   4.3 (14.3ft)     12(Detail)   162.9 (534.6ft)   65.2 (213.8ft)   32.6 (106.9ft)   16.3 (53.5ft)     18 Range		Lens (mm)	Detect (m)	Observe (m	1)	Recognize (m)	Identify (m)	
2.8(Detail)       43.4(142.5ft)       17.4(57.0ft)       8.7(28.5ft)       4.3(14.3ft)         IZ(Detail)       162.9(534.6ft)       65.2(213.8ft)       32.6(106.9ft)       16.3(53.5ft)         III/ILIMINIATOR         IR Range       Up to 10m (32.8 ft)       Up to 50m (164.0 ft)         Warm Light Range       N/A       Up to 10m (32.8 ft)         Wavelength       850nm (IR)         Light On/Off Control         Auto/Manual         Video         Video Compression       Ultra 265, H.265, H.264, MJPEG         Frame Rate       Main Stream: 1080P (1920*1080),Max 25fps         Video Bit Rate       128 Kbps~16 Mbps         U-code       Support (Main stream)         ROI       Up to 8 areas         Video stream       Dual streams         OSD       Up to 4 OSDs         Privacy Mask       24 areas, up to 4 areas per scene         Image         White Balance       Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2         Digital noise reduction       20/30 DNR		2.8(Panorama)	43.4(142.5ft)	17.4(57.0ft	:)	8.7(28.5ft)	4.3(14.3ft)	
12(Detail)   162.9(534.6ft)   65.2(213.8ft)   32.6(106.9ft)   16.3(53.5ft)	DORI Distance	2.8(Detail)	43.4(142.5ft)	17.4(57.0ft	:)	8.7(28.5ft)	4.3(14.3ft)	
IR Range Up to 10m (32.8 ft) Up to 50m (164.0 ft)  Warm Light Range N/A Up to 10m (32.8 ft)  Wavelength 850nm (IR)  Light On/Off Control Auto/Manual  Video  Video Compression Ultra 265, H.265, H.264, MJPEG  Frame Rate Main Stream: 1080P (1920*1080),Max 25fps Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate 128 kbps~16 Mbps  U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR		12(Detail)				32.6(106.9ft)		
Warm Light Range N/A Up to 10m (32.8 ft)  Wavelength 850nm (IR)  Light On/Off Control Auto/Manual  Video  Video Compression Ultra 265, H.264, MJPEG  Frame Rate Main Stream: 1080P (1920*1080),Max 25fps Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate 128 Kbps~16 Mbps  U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR	Illuminator	<u> </u>		·	•			
Warm Light Range N/A Up to 10m (32.8 ft)  Wavelength 850nm (IR)  Light On/Off Control Auto/Manual  Video  Video Compression Ultra 265, H.264, MJPEG  Frame Rate Main Stream: 1080P (1920*1080),Max 25fps Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate 128 Kbps~16 Mbps  U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR	IR Range	Up to 10m (32.8 ft)	Up to 10m /32 8 ft) Up to 50m /16/ 0 ft)					
Wavelength 850nm (IR) Light On/Off Control Auto/Manual  Video  Video Compression Ultra 265, H.264, MJPEG  Frame Rate Main Stream: 1080P (1920*1080), Max 25fps Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate 128 Kbps~16 Mbps  U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR								
Light On/Off Control  Video  Video Compression  Ultra 265, H.264, MJPEG  Main Stream: 1080P (1920*1080), Max 25fps Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate  128 Kbps~16 Mbps  U-code  Support (Main stream)  ROI  Up to 8 areas  Video stream  Dual streams  OSD  Up to 4 OSDs  Privacy Mask  24 areas, up to 4 areas per scene  Image  White Balance  Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction  2D/3D DNR								
Video       Video Compression     Ultra 265, H.264, MJPEG       Frame Rate     Main Stream: 1080P (1920*1080),Max 25fps       Sub Stream: 720P (1280*720), Max 25fps       Video Bit Rate     128 Kbps~16 Mbps       U-code     Support (Main stream)       ROI     Up to 8 areas       Video stream     Dual streams       OSD     Up to 4 OSDs       Privacy Mask     24 areas, up to 4 areas per scene       Image       White Balance     Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2       Digital noise reduction     2D/3D DNR								
Video CompressionUltra 265, H.264, MJPEGFrame RateMain Stream: 1080P (1920*1080),Max 25fps Sub Stream: 720P (1280*720), Max 25fpsVideo Bit Rate128 Kbps~16 MbpsU-codeSupport (Main stream)ROIUp to 8 areasVideo streamDual streamsOSDUp to 4 OSDsPrivacy Mask24 areas, up to 4 areas per sceneImageWhite BalanceAuto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2Digital noise reduction2D/3D DNR		Autorivianuai						
Frame Rate Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate 128 Kbps~16 Mbps  U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR		Ultra 265, H.265, H.264, MJPEG						
Sub Stream: 720P (1280*720), Max 25fps  Video Bit Rate 128 Kbps~16 Mbps  U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR		Main Stream: 1080P (1920*1080), Max 25fps						
U-code Support (Main stream)  ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR		Sub Stream: 720P (1280*720), Max 25fps						
ROI Up to 8 areas  Video stream Dual streams  OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR	Video Bit Rate	128 Kbps~16 Mbps						
Video stream  Dual streams  OSD  Up to 4 OSDs  Privacy Mask  24 areas, up to 4 areas per scene  Image  White Balance  Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction  Dual streams  Dual streams  Auto Auto Auto Auto Auto Auto Auto Auto	U-code	Support (Main stream)						
OSD Up to 4 OSDs  Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR	ROI	Up to 8 areas						
Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR	Video stream	Dual streams						
Privacy Mask 24 areas, up to 4 areas per scene  Image  White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  Digital noise reduction 2D/3D DNR	OSD	Up to 4 OSDs						
Image       White Balance     Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2       Digital noise reduction     2D/3D DNR	Privacy Mask	24 areas, up to 4 areas per scene						
Digital noise reduction 2D/3D DNR								
	White Balance	Auto/Outdoor/Fine Tun	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2					
Smart IR Support	Digital noise reduction	2D/3D DNR						
	Smart IR	Support						

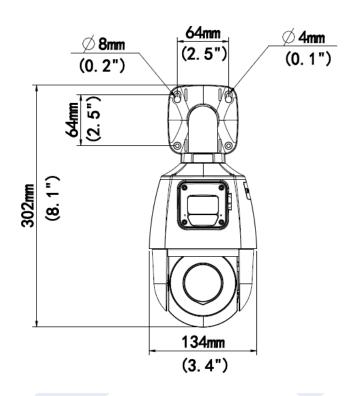


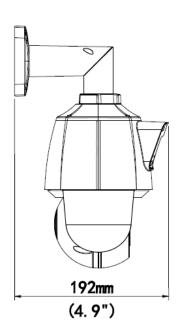
		Video Solutions for Security Profess			
Flip	Normal/Flip Vertical/Flip Horizontal/180°				
HLC	Support				
BLC	Support				
Defog	Digital defog				
Intelligent					
Smart Intrusion Prevention	Support false alarm filtering: Cross line detection, Intrusion detection, Enter area detection, Leave area detection				
Linkage Function	N/A	Support, Triggered by fixed lens via smart intrusion prevention function to track target			
Events					
Basic Detection	Audio detection				
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio					
Audio Compression	G.711U, G.711A				
Audio Bitrate	64 Kbps				
Two-way Audio	Support				
Suppression	Support				
Sampling Rate	8 kHz				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Network Storage	ANR,NAS(NFS)				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS				
Compatible Integration	ONVIF (Profile S, Profile G), API, SDK				
User/Host	Up to 32 users. 2 user levels: administrator and common user				
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF				
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and ab	ove, Firefox 52 and above, Edge 79 and above			
Pan & Tilt					
Pan Range	N/A	0°~345°			
r arr nange	N/A				
Pan Speed	· ·	1°/s ~ 50°/s			
	Preset speed: N/A	Preset speed: 50°/s			
Tilt Range	18° ± 5°	-10° ~ 100°			
Tilt Speed	N/A	1°/s ~ 40°/s			
	Preset speed: N/A	Preset speed: 40°/s			
Number of Presets	255				
Preset Patrol	16 patrol routes, up to 64 presets for each route				
Patrol Stay Time	1000s~1800s				
Home Position	Support				
Interface					
Built-in Mic	Support (Mic*2)				
Built-in Speaker	Support				
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Certification					
EMC	FCC CFR 47 Part 15				
	EN 55032:2015				



	video colutions for country i rolloss			
	EN 55024:2010			
	EN 61000-3-2:2014			
	EN 61000-3-3-2013			
Safety	IEC 62368-1			
	EN 62368-1			
	UL 62368-1			
Environment	CE-ROHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)			
General				
	DC12V, PoE+(IEEE 802.3at)			
Power	Power consumption: MAX 14W			
Power Interface	Ø 5.5mm coaxial power plug			
Dimensions (Ø x H)	Ф134 x 302 x 192mm (Ф5.3" x 11.9" x 7.6")			
Weight	1.03kg (2.27ft)			
Working Environment	-20°C ~60°C(-4°F ~140°F), Humidity: ≤95% RH (non-condensing)			
Storage Environment	-30°C ~70°C(-22°F ~ 158°F), Humidity: ≤95% RH (non-condensing)			
Surge protection	2KV			
Reset button	Support			
Protection	Ingress Protection: IP66			
	Vandal Resistant: N/A			

## **Dimensions**





© 2022 LT Security, Inc. All Rights Reserved. White papers, data sheets, quick start guides, and/or user manuals are for reference only and may or may not be entirely up to date or accurate based upon the version or models. Product names mentioned herein may be the unregistered and/or registered trademarks of their respective owners