



Incredible zoom distance.

Ultimate PTZ Series: Specialist ultra zoom PTZ domes available in 2.0MP & 8.0MP

The ultimate long range surveillance solution, these 48x/40x optical zoom PTZs are capable of ultra low light colour footage in minimal lighting conditions, as well as a host of intelligent functions, auto-tracking and long range infrared.

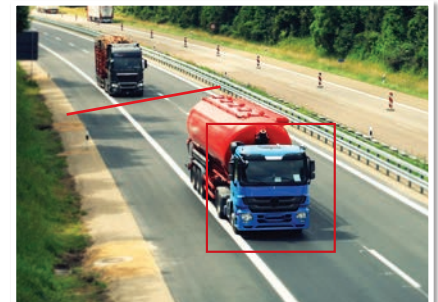
- Stream up to 4K/8.0MP (3840 x 2160) at 25fps
- Up to 48x optical zoom (64.55 ~ 1.5° viewing angles)
- Auto tracking with 8 intelligent video functions
- Low light colour performance at 0.001lx; 450m IR
- Electronic image stabilisation, face detect & more
- Endless 360° panning with tilt adjust; auto-flip 180°
- MicroSD card slot for recording up to 256GB
- Audio, alarm and video interface input/output
- Supports power via Hi-PoE (IEEE802.1x)
- IP67 weather resistant housing for external use



Up to 48x Lossless Optical Zoom



Superb Low Light Performance



Intelligent Auto Tracking

Specifications		2.0MP 48x Zoom PTZ	8.0MP 40x Zoom PTZ	
Camera	Ordering Information	VSIP2MPPTZIRK : Standard	VSIPPTZ-8IRU : Standard	
	Image Sensor	1/1.9" 2.0MP Progressive Scan CMOS	1/1.8" 8.0MP Starvis™ CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	3840 (H) x 1080 (V)	
	RAM / ROM	1024MB / 128MB		
	Min Illumination	0.001 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)	0.002 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)	
	S/N Ratio	> 55dB		
Lens	Infrared System	10 x Infrared LED, 450m range, Auto/manual on/off control		
	Lens / Iris	5.7 ~ 275mm F1.4 ~ F4.5 Motorised Lens with Auto Iris	5.6 ~ 223mm F1.4 ~ F4.5 Motorised Lens with Auto Iris	
	Field of View	Horizontal: 64.5° ~ 1.5° (48x Optical Zoom)	Horizontal: 63.9° ~ 2.0° (40x Optical Zoom)	
DORI	Focus	Auto/Manual / 1.5m Min. Focus Distance	Auto/Manual / 1m Min. Focus Distance	
	Detect (25px/m)	2731m	4400m	
	Observe (63px/m)	1092m	1740m	
	Recognise (125px/m)	546m	880m	
PTZ	Identify (250px/m)	273m	440m	
	Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -30 ~ 90° / Auto-flip 180°		
	PTZ Speed	Preset: Pan: 240°/s; Tilt: 200°/s Manual: Pan: 200°/s; Tilt: 120°/s		
	Modes / Presets	Up to 300 presets / 5 Pattern, 8 Tour, Auto Pan, Auto Scan		
	Start-up Action	Auto-restore to previous PTZ/lens status		
Video	Auto Tracking	Support		
	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)	8.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	1080p (1 ~ 25fps)
	Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG		
	Bit Rate	H.265 / H.264: 448K ~ 8192Kbps		
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)		
	Day/Night	Auto (ICR) / Color / B&W		
	Lighting Compensation	BLC / HLC / WDR (120dB)		
White Balance	Auto / ATW / Indoor / Outdoor / Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra 2D/3D DNR			
Picture Control	Flip 180°			
Network	Intelligent Functions	Tripwire, Intrusion, Abandoned/Missing Object, Face Detection, Motion Detection, Region of Interest, Electronic Image Stabilisation, Privacy Masking (24 zones), Defog		
	Ethernet	RJ-45 (10Base-T/100Base-TX)		
	Protocol	IPv4/IPv6; HTTP; HTTPS; SSL; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP; RTSP; RTP; SMTP; NTP; DHCP; DNS; PPPoE; DDNS; FTP; IP Filter; QoS; Bonjour; 802.1x		
	Streaming Method	Unicast / Multicast		
Interface	Max. User Access	20 Users		
	Video Interface	1 Output (Vpp 75Ω)		
	Audio Interface	1 Input, 1 Output / Compression: G.711a/G.711Mu/AAC/G.722 / G.726/MPEG2-L2		
	Alarm Interface	7 Inputs / 2 Outputs		
	RS485	Yes		
Environmental	Edge Storage	MicroSD Card (up to 256GB) / NAS / Local PC		
	Interoperability	ONVIF / PSIA / CGI	ONVIF / API	
	Power Supply	24VAC / 5A (±25%) / Hi-PoE (IEEE802.3at)	24VAC / 3A (±25%) / Hi-PoE (IEEE802.3at)	
	Power Consumption	<24W	<26W	
	Operating Conditions	-40° ~ +70° C / Less than 90% RH		
	Ingress Protection	IP67		
	Vandal Resistance	N/A		
	Housing	Metal		
Application	Pan/Tilt/Rotation	Pan: 0° ~ 360°; Tilt: -30° ~ 90°; Rotation: 0° ~ 360°		
	Dimensions	Ø300mm x 527mm	Ø262mm x 416mm	
	Net Weight	13kg	8.5kg	
Application	Mounting Options			
		<p>Included Accessories: 24VAC power supply, Mount adapter, Right angle bracket</p>	<p>Included Accessories: 24VAC power supply, Right angle bracket</p>	

Your local VIP Vision™ IP solutions professional: