



Amazing functionality.

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

An outstanding performer in long range surveillance applications, this formidable 30x optical zoom PTZ is also equipped with 500m laser infrared, a host of intelligent functions and configurable auto-tracking.

- Stream up to 4K/8.0MP (3840 x 2160) at 25fps
- 30x optical zoom lens (61.2 ~ 2.1° viewing angles)
- Auto tracking with 8 intelligent video functions
- Adjustable beam angle laser infrared up to 500m
- Electronic image stabilisation, face detect & more
- Endless 360° panning with tilt adjust; auto-flip 180°
- MicroSD card slot for recording up to 128GB
- Audio and alarm interface input/output
- Supports power via Hi-PoE (IEEE802.3at)
- IP67 weather resistant housing for external use



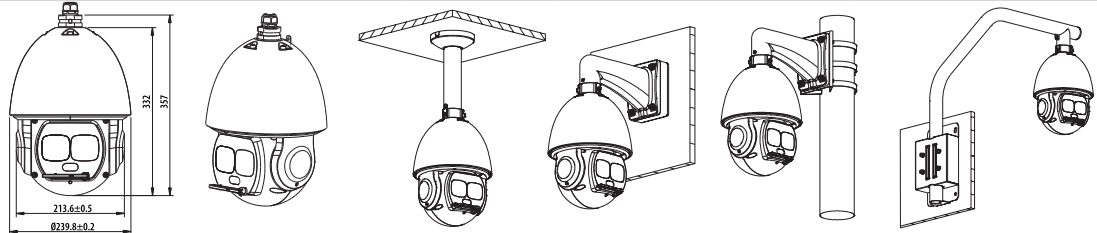
Precision Laser Infrared System



30x Lossless Optical Zoom



Intelligent Auto Tracking

Model		VSIP2MPPTZIRL	VSIP8MPPTZIRL
Camera	Image Sensor	1/1.9" 2.0MP Progressive Scan CMOS	1/1.7" 12.0MP Starvis™ CMOS
	Effective Pixels	1920 (H) x 1080 (V)	3840 (H) x 2160 (V)
	RAM / ROM	1024MB / 64MB	1024MB / 128MB
	Min Illumination	0.002 Lux/F1.5 (Color), 0 Lux/F1.5 (IR on)	0.05 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on)
	S/N Ratio	> 56dB	
Lens	Infrared System	Laser Infrared Module, 500m range, Auto/manual angle adjustment (60 ~ 2°)	
	Lens / Iris	6 ~ 180mm F1.5 ~ F4.3 Motorised Lens with Auto Iris	6 ~ 180mm F1.6 ~ F4.8 Motorised Lens with Auto Iris
	Field of View	Horizontal: 61.2° ~ 2.1° (30x Optical Zoom)	
PTZ	Focus	Auto/Manual / 1m Min. Focus Distance	
	Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -20 ~ 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	8.0MP (1 ~ 25fps) / 1080p (1 ~ 50fps)
		Sub	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)
	Video Compression	H.264 / MJPEG	H.265 / H.264
	Bit Rate	H.264: 448K ~ 8192Kbps / MJPEG: 4096K ~ 20480Kbps	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 16384Kbps
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)	
	Day/Night	Auto (ICR) / Color / B&W	Auto (ICR) / Color / B&W
	Lighting Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / Digital WDR
	White Balance	Auto / ATW / Indoor / Outdoor / Manual	
	Gain Control	Auto / Manual	
IVS	Noise Reduction	Ultra 2D/3D DNR	
	Picture Control	Flip 180°	
	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 (10/100Base-T)	
	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP	
Network	Streaming Method	Unicast / Multicast	
	Max. User Access	10 Users / 20 Users	
	Video Interface	1 Output (Vpp 75Ω)	
	Audio Interface	1 Input, 1 Output / Compression: G.711a, G.711mu, G.726, AAC	
	Alarm Interface	7 Inputs / 2 Outputs	
Interface	RS485	Yes	
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC	
	Interoperability	ONVIF / PSIA / CGI	
	Power Supply	24VAC / 3A / Hi-PoE (IEEE802.3at)	
	Power Consumption	<24W	
Environmental	Operating Conditions	-40° ~ +70° C / Less than 90% RH	
	Ingress Protection	IP67	
	Vandal Resistance	N/A	
	Housing	Metal	
	Pan/Tilt/Rotation	Pan: 0° ~ 360° ; Tilt: -20° ~ 90° ; Rotation: 0° ~ 360°	
Application	Dimensions	Ø240mm x 357mm	
	Net Weight	6.75kg	
	Diagrams		
	Accessories		
	Models	Included Accessories (AC power supply, VSBKTA111, VSBKTB303W) Ceiling Mount (VSBKTB300C) Junction Box (VSBKTA120) Power Box Mount (VSBKTA140) Pole Mount (VSBKTA150) Corner Mount (VSBKTA151) Parapet Mount (VSBKTB303S)	

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