



Starlight
Camera



Face
Capture



AI People
& **Vehicle**
Detection



High mobility PTZ solution

Pro AI PTZ Series: 32x Optical Zoom Recessed speed dome available in 2.0MP

This ceiling-recessed mount network PTZ dome delivers lightning fast PTZ mobility, up to 25x optical zoom and auto-tracking, all in a vandal resistant body. Experience AI face detection & AI Perimeter Protection technology, providing meaningful video event notifications in real-time. Ideal for indoor, time critical applications such as in banks, retail, in gaming and more.

- Stream footage at FHD (1920x1080)/50fps
- Super responsive 500°/second pan and tilt speed
- True WDR (120dB) and colour low light at 0.005lx
- MicroSD slot for recording at the edge up to 256GB
- Endless 360° panning and 0° ~ 90° tilt adjustable
- Face detection & intelligent video analytic functions
- Auto-tracking, alarm I/O and audio I/O support
- IK10 vandal rated recessed ceiling mount housing



AI Auto-Tracking



32x Lossless Optical Zoom



AI-Enhanced Face Detection

Specifications		2.0MP 32x Zoom PTZ with AI	
Ordering Information		VSIPPTZ-2C-I	
Camera	Image Sensor	1/2.8" 2.0MP Starvis™ CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	
	RAM / ROM	1GB / 4GB	
	Min Illumination	0.005 Lux/F1.35 (Colour), 0.0005 Lux/ F1.35 (B/W), 0 Lux (IR Light On)	
	Infrared System	4 x Infrared LED, 150m range, Zoom Prio/Auto/Manual/Smart IR On/Off control	
	Lens / Iris	4.9mm ~ 156mm F1.35 ~ F4.4 Motorised Lens	
Lens	Field of View	62.8° ~ 2.2° (H), 36.7° ~ 1.3° (V), 69.2° ~ 2.6° (D) (32x Optical Zoom)	
	Focus	Auto/Semi-Auto/Manual / 1m ~ 1.5m Min. Focus Distance	
DORI	Detect (25px/m)	2152m	
	Observe (63px/m)	850m	
	Recognise (125px/m)	430m	
	Identify (250px/m)	215m	
PTZ	Pan / Tilt Range	Pan: 0° ~ 360° (endless) / Tilt: 0° ~ 90° / Auto Flip 180°	
	PTZ Speed	Preset: Pan: 500°/s; Tilt: 500°/s Manual: Pan: 350°/s; Tilt: 250°/s	
	Modes / Presets	Up to 300 presets / 5 Pattern, 8 Tour, 5 scanning, Auto Pan, Auto Scan	
	Start-up Action	Auto-restore to previous PTZ/lens status	
	Auto Tracking	Support	
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)
		Sub	D1 (1 ~ 25fps)
		Third	720p (1 ~ 25fps)
	Video Compression	H.265/H.264B/H.264M/H.264H/MJPEG/H.265+/H.264+	
	Bit Rate	H.265/H.264: 3 kbps-20480 kbps	
	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 / Indoor / Outdoor / Tracking / Manual / Sodium lamp / Natural light / Street lamp	
	Gain Control	Auto / Manual	
Noise Reduction	2D / 3D DNR		
Picture Control	Flip 0°/180°		
IVS	Intelligent Functions	Abandoned/Missing Object, Motion Detection, Region of Interest, Electronic Image Stabilisation, Privacy Masking (24 zones), Defog	
	Perimeter Protection	Tripwire & Intrusion (Add recognition of humans & vehicles)	
	Intelligent Search	Via NVR Smart Search, Search tripwire/intrusion events by people or vehicle	
	SMD+	Filter motion detection alarms, recognises humans and vehicles from other moving objects	
	Metadata	Supports human, motor vehicles and non motor vehicle search. Supports face image capture and footage search by face image & facial attributes	
Network	Ethernet	RJ-45 (10/100Base-T)	
	Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3 (MIB-2); DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP	
	Streaming Method	Unicast / Multicast	
	Max. User Access	20 Users	
Interface	Audio Interface	1 Input / 1 Output / Compression: G.711A; G.711Mu; G.726; AAC; G.722.1; G.723; G.729; PCM; MPEG2-Layer2	
	Alarm Interface	2 Inputs / 1 Output	
	RS485	N/A	
	Edge Storage	FTP; Micro SD card (256G); P2P	
	Interoperability	ONVIF Profile S&G&T; CGI	
Environmental	Power Supply	24VAC/3A (±25%) / PoE+ (802.3at)	
	Power Consumption	<10W / <16W (IR on)	
	Operating Conditions	-30° ~ +60° C / Less than 95% RH	
	Ingress Protection	N/A	
	Vandal Resistance	IK10	
	Surge Protection	TVS 6000V Lightning Protection / Surge Protection	
	Housing	Metal	
	Dimensions	Ø186 mm x 253 mm (Ø160 mm hole cut)	
	Net Weight	2.2kg	
Application			
Included Accessories			
24VAC/3A PSU			

Your local VIP Vision™ IP solutions professional: