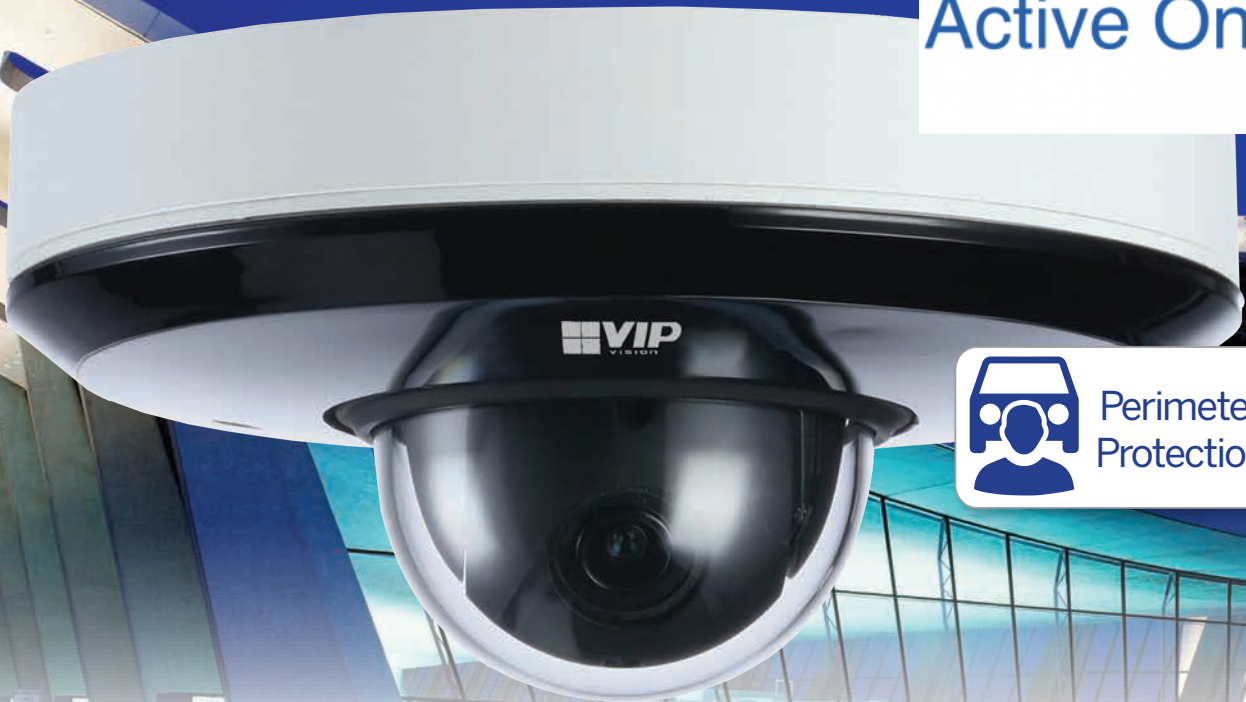




Active Online



Perimeter Protection

Compact & powerful AI PTZ.

PTZ AI Series: 4x zoom PTZ dome with AI powered video analytics

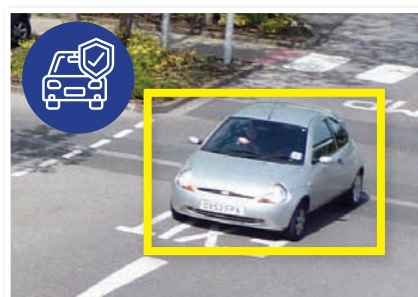
Small in size but big on features, the PTZ AI Dome combines the flexibility and coverage of PTZ with the power of smart AI technology. Featuring Perimeter Protection, this PTZ can identify people & vehicles during motion detection to prevent false alarms, providing reliable real-time alerts and analytics.

- Stream up to 4.0MP (2560 x 1440) at 25fps
- 4x optical zoom lens (31.6° ~ 96.9° H viewing angles)
- Low light colour performance at 0.005lx; 15m IR
- Endless 360° panning with tilt adjust; flip 180°
- Perimeter Protection to identify people & vehicles
- Combine Perimeter Protection with Tripwire/Intrusion to prevent false alarms, all using any VIP Vision NVR
- MicroSD card slot for recording up to 256GB
- Supports Power over Ethernet (802.3af)
- IP66 weather & IK08 vandal rated resistant housing



4x

Up to 4x Optical Zoom

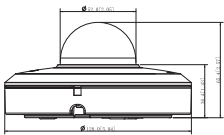


Smart Perimeter Protection



0.005lx

Superb Low Light Performance

Specifications		4.0MP 4x Zoom AI PTZ Dome					
Camera	Ordering Information	VSIPPTZ-4IRM-I : Standard					
	Image Sensor	1/2.8" 4.0MP Progressive Scan CMOS					
	Effective Pixels	2560 (H) x 1440 (V)					
	RAM / ROM	1GB / 4GB					
	Min Illumination	0.005 Lux/F1.8 (Color), 0.0005 Lux/ F1.8 (B/W), 0 Lux (IR on)					
Lens	S/N Ratio	N/A					
	Infrared System	3 x Infrared LED, 15m range, Auto/manual on/off control					
	Lens / Iris	2.8 ~ 12mm F1.8 ~ F2.7 Motorised Lens with Auto Iris					
	Field of View	Horizontal: 32~97°, Vertical: 18°~51° (4x Optical Zoom)					
DORI	Focus	Auto/Manual / 0.2m Min. Focus Distance					
	Detect (25px/m)	147m					
	Observe (63px/m)	59m					
	Recognise (125px/m)	29m					
	Identify (250px/m)	15m					
PTZ	Pan / Tilt Range	Pan: 0 ~ 355° / Tilt: 5 ~ 90°					
	PTZ Speed	Preset: Pan: 80°/s; Tilt: 40°/s Manual: Pan: 70°/s; Tilt: 30°/s					
	Modes / Presets	Up to 300 presets / 8 tour					
	Start-up Action	Auto-restore to previous PTZ/lens status					
	Auto Tracking	N/A					
Video	Resolution	4.0MP (2560 x 1440) to CIF(352 x 288)					
	Frame Rate	Main	4.0MP (1 ~ 25fps)				
		Sub	D1 (1 ~ 25fps)				
		Third	D1 (1 ~ 25fps) / 720p (1 ~ 25fps)				
	Video Compression	H.265; H.264 Baseline Profile; H.264 Main Profile; H.264 High Profile; MJPEG (Sub Stream); H.265+; H.264+					
	Bit Rate	H.264 /H.265 /MJPEG: 3 ~ 20480Kbps					
	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 / Track / Manual / Sodium Lamp / Natural Light /Street Lamp					
IVS	Gain Control	Auto / Manual					
	Noise Reduction	2D / 3D					
	Picture Control	Flip 180°					
	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), Fast Moving Detection, Loitering Detection, Parking & Gathering Detection					
	People Counting	Supports Line Crossing/Region/Queuing People Counting, Report Generation					
	Heat Map	N/A					
Network	Event Trigger	Motion Detection, Video Tampering , Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, Storage Anomaly					
	Intelligent Search	Via NVR Smart Search / Search tripwire/intrusion events by people or vehicle, Search footage by face image and face attributes					
	Ethernet	RJ-45 (10Base-T / 100Base-TX)					
Interface	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					
	Video Interface	N/A					
	Audio Interface	1 Input, 1 Output / Compression: G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723					
Environmental	Alarm Interface	N/A					
	RS485	N/A					
	Edge Storage	MicroSD Card (up to 256GB) / FTP / P2P					
	Interoperability	ONVIF/ CGI					
	Power Supply	12VDC 1.5A / PoE (802.3af)					
	Power Consumption	<3W / <8.5W (IR on)					
	Operating Conditions	-30° ~ +60° C / ≤95% RH					
	Ingress Protection	IP66					
	Vandal Resistance	IK08					
	Housing	Metal					
Installation	Pan/Tilt/Rotation	N/A					
	Dimensions	Ø128mm x 65mm					
	Net Weight	0.49kg					
	Dimensions & Mounting Options		Ceiling Mount	Wall Mount	Corner Mount	Pole Mount	Pole Mount
			VSBKTA107 + VSBKTB220C	VSBKTA107 + VSBKTB305W	VSBKTA107 + VSBKTB305W + VSBKTA151	VSBKTA107 + VSBKTB305W + VSBKTA150	VSBKTA107 + VSBKTB220C + VSBKTA150

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