

2-in-1 security camera unit

Pro AI Series: 8MP 180° Turret and 4MP 25x optical zoom PTZ dome

Deliver comprehensive surveillance for large sites with this two-in-one CCTV unit. This camera combines the wide-angle coverage of a 180º turret with the long-range zoom of a PTZ, while capturing both streams at once. Upon a human or vehicle detection event, these cameras can trigger a white LED spotlight for security lighting, a flashing blue/red LED strobe and a loud siren with programmable message/tone, to deter intruders.

- Stream up to 8.0MP (4096 x 1860) at 25fps
- Dual wide angle lenes for complete site coverage and 25x zoom lens for detailed shots
- Activates spotlight, flashing light & siren, switching from IR to colour footage in response to alarm events
- 24/7 Colour low light footage as low as 0.005lx
- Intelligent auto tracking via person/vehicle AI rules Intelligent AI detection to identify people & vehicles
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs



180° Coverage Surveillance



25x Lossless Optical Zoom



Spotlight, Siren & Blue/Red Strobe

Achieve more than security.™

Visit www.vipvision.au for the latest in IP surveillance.

INFRONT TECHNOLOGIES

Supplied by INFRONT TECHNOLOGIES

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For more information call or email — Australia-wide sales, technical support and warranty service.

	Model		VSIPPTZ-4P8X	
Camera	Camera System		**8.0MP Fixed 180° AI Deterrence Turret**	**4.0MP 25x Zoom PTZ with AI**
	Image Sensor		Dual 1/2.7" 4MP Progressive Scan CMOS	1/2.8" 4MP Progressive Scan CMOS
	Effective Pixels		4096 (H) x 1860 (V)	2560 (H) x 1440 (V)
	RAM / ROM		2GB / 4GB	1GB / 4GB
	Min Illumination		0.005 lux/F1.4 (Color, 30 IRE); 0.0005 lux/F1.4 (B/W, 30 IRE); 0 lux (Illuminator)	0.005 lux/F1.6 (Color, 30 IRE); 0.0005 lux/F1.6 (B/W, 30 IRE); 0 lux (Illuminator)
	Illuminator System		2 x Infrared LED, 30m range, Auto/manual on/off control	2 x Infrared LED, 100m range, Zoom Prio /Auto/manual on/off control
	LED Illumination		2 x Spotlight (Warm White) 30m range, 1 x Red & Blue Alarm Light	2 x Spotlight (Warm White) 50m range, 1 x Red & Blue Alarm Light
Lens	Lens / Iris		2.8mm F1.0 Fixed Lens	5 ~ 125mm F1.6 ~ F3.6 Motorised Lens with Auto Iris
	Field of View		Horizontal: 180°, Vertical: 86°	Horizontal: 52 ° ~ 3°, Vertical: 39.7° ~ 2.2 °, Diagonal: 63.1° ~ 3.7 °
	Focus		Auto Focus / 0.6m Min. Focus Distance	Auto/Semi-Auto/Manual Control, 0.1 ~ 0.5m Min. Focus Distance
DORI	Detect		56m	W: 100m; T: 2500m
	Observe		22m	W: 40m; T: 1000m
	Recognise		11m	W: 20m; T: 500m
	Identify		6m	W: 10m; T: 250m
PTZ	Pan / Tilt Range		N/A	Pan: 0 ~ 360° (endless) / Tilt: -15 ~ 90° / Auto-flip 180°
	PTZ Speed		N/A	**Preset**: Pan: 0.1°~ 180°/s, Tilt: 0.1°~ 90°/s, **Manual**: Pan: 0.1°~ 180°/s, Tilt: 0.1°~ 90°/s
	Modes / Presets		N/A	Up to 300 presets / 5 Pattern, 8 Tour, Auto Pan, 5 Auto Scan
	Start-up Action		N/A	Auto-restore to previous PTZ/lens status
	Auto Tracking		N/A	Supported
Video	Resolution		8MP (4096 x 1860) to VGA (640 x 480)	4MP (2560 x 1440) to D1 (704 x 576/704)
	Frame Rate	Main	8MP (1 ~ 25fps)	4MP (1 ~ 25fps)
		Sub	1024 x 448 (1 ~ 25fps)	D1 (1 ~ 25fps)
	Video Compression		Smart H.265+ / H.265 / Smart H.264+ / H.264B / H.264M / H.264H / MJPEG (Sub Stream 1)	
	Bit Rate		H264: 128 ~ 16,384 kbps, H265: 51 ~ 13,312 kbps	H264: 96 ~ 16,384 kbps, H265: 38 ~ 10,240 kbps
	Bit Rate Control		Constant Bit Rate (CBR) / Variable Bit Rate (VBR)	
	Day/Night		Auto (ICR) / Color / B&W / Electronic	
	Lighting Compensation		BLC / HLC / Digital WDR	BLC / HLC / True WDR (120dB)
	White Balance		Auto / Indoor / Outdoor / Tracking / Manual / Sodium Lamp / Natural / Street Lamp	
	Gain Control		Auto / Manual / Gain Prio	
	Noise Reduction		2D / 3D	
	Picture Control		Flip 180°	
IVS	Video Functions		Motion Detection, Region of Interest, Privacy Masking (4 zones), Defog, Object Abandoned / Missing **Event Triggers:** Motion Detection, Perimeter Protection, Video Tampering, Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, Storage Anomaly	
	AI Functions		**Perimeter Protection:** People and vehicle detection using tripwire or intrusion rules **Loitering detection:** People gathering and parking detection	
	Intelligent search		Search people or vehicle detection events (Perimeter Protection)	
Network	Ethernet		RJ-45 (100/1,000 Base-T)	
	Protocol		HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; SSL; QoS; FTP; UPnP; ICMP; SNMP; IGMP; ARP; RTCP; RTP; PPPoE; RTMP; Bonjour; NFS	
	Streaming Method		Unicast / Multicast	
	Max. User Access		20 (total bandwidth: 64M)	
Interface	Audio Interface		1 Audio In/Output / Audio Compression - PCM, G.711A, G.711Mu, G.726, MPEG2-Layer2, G.722.1, G.729	
	Alarm Interface		2 channel in: 0-5VDC / 1 channel out	
	RS485		N/A	
	Edge Storage		Micro SD card (512 GB) / NAS / FTP / SFTP	
	Interoperability		ONVIF (Profile S & Profile G & Profile T) / CGI / SDK / P2P	
Environmental	Power Supply		12VDC / PoE (820.3af)	
	Power Consumption		< 14 W (basic); < 25 W (max)	
	Operating Conditions		-40°C ~ +65°C / ≤95% RH	
	Ingress Protection		IP66	
	Surge Protection		TVS 6000V Lightning Proof / Surge Protection / Voltage Transient Protection	
	Housing		Metal	
	Dimensions		Φ194 mm x 160 mm x 311 mm	
	Net Weight		3.10kg	

Application			
Included	Wall Mount	Pole Mount	Corner Mount
VSBKTB305W (Wall mount)	VSBKTB305W + VSBKTA126	VSBKTB305W + VSBKTA150	VSBKTB305W + VSBKTA151

Your local VIP Vision™ IP solutions professional:

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