

Superb low light performance

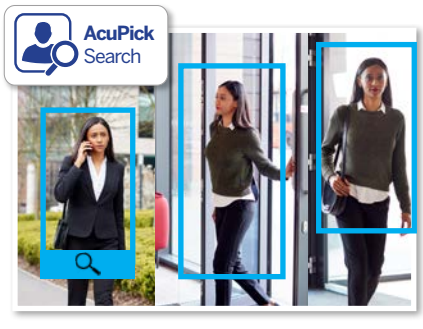
Professional AI Series: Fixed lens AI Active Deterrence turret Pro in 6.0MP and 8.0MP

This Professional AI Active Deterrence Camera Pro combines surveillance, security lighting and a siren into a single camera to deter intruders during AI people & vehicle detection events. It takes the standard Active Deterrence camera and equips it with a large image sensor and image signal processor to capture colour images even in the most challenging of lighting conditions. Quickly search and track people & vehicles across all Acupick CCTV cameras in your security system.

- Stream up to 8.0MP (3840 x 2160) at 25fps
- Intelligent search across all Acupick cameras
- 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
- Up to 30m infrared, BLC/HLC & true WDR (120dB)
- 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
- AI SSA detects/adjusts exposure to ensure clear video.



Spotlight, Siren & Blue/Red Strobe



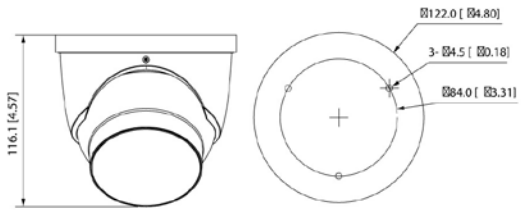
Intelligent people & vehicle search



AI Adapts Scene for Best Picture

	Specifications		6.0MP Fixed AI Deterrence Turret	8.0MP Fixed AI Deterrence Turret
	Camera System		**VSIPP-6DG-ID4-P**	**VSIPP-8DG-ID4-P**
Camera	Image Sensor		1/1.8" 6.0MP Progressive Scan CMOS	1/1.8" 8.0MP Progressive Scan CMOS
	Effective Pixels		3288 (H) x 1850 (V)	3840 (H) x 2160 (V)
	RAM / ROM		2G / 256MB	
	Min Illumination		0.0005 lux/F1.0 (Colour, 30 IRE) / 0.0004 lux/F1.0 (B/W, 30IRE) / 0 lux (Illuminator)	0.0008 lux/F1.0 (Colour, 30 IRE) / 0.0004 lux/F1.0 (B/W, 30IRE) / 0 lux (Illuminator)
	Electronic Shutter		1/3 s-1/100,000 s	
	S/N Ratio		> 56dB	
	Infrared System		2 x Infrared LED, 30m range, Auto/manual on/off control	
	LED Illumination		2 x Spotlight (Warm White) 30m range, 1 x Red & Blue Alarm Light	
Lens	Lens / Iris		2.8mm F1.0 Fixed Lens	
	Field of View		Horizontal: 109°, Vertical: 59°, Diagonal: 131°	
	Focus		Auto Focus / 3.2m Min. Focus Distance	
DORI	Detect (25px/m)		70m	82m
	Observe (63px/m)		28m	33m
	Recognise (125px/m)		14m	16m
	Identify (250px/m)		7m	8m
Video	Resolution		6MP (3288 x 1850 / 3200 x 1800) to CIF (352 x 288 / 352 × 240)	8MP (3840 x 2160) to CIF (352 x 288 / 352 × 240)
	Frame Rate	Main	6MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)	1080p (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	1080p (1 ~ 25fps)
	Video Compression		H.265+ / H.264 / H.264H / H.264B / MJPEG	
	Bit Rate		H.265: 3 ~ 16384Kbps / H.264: 3 ~ 16384Kbps	
	Bit Rate Control		Constant Bit Rate (CBR) / Variable Bit Rate (VBR) / Average Bit Rate (ABR)	
	Day/Night		Auto (ICR) / Colour / B/W	
	Lighting Compensation		BLC / HLC / WDR (120dB)	
	Smart Scene Adaptive		SSA	
	White Balance		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom	
	Gain Control		Auto	
	Noise Reduction		3D NR	
	Picture Control		Mirror / Flip (0°, 90°, 180°, 270°)	
IVS	Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Illumination, 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 **Acupick:** Search by people/vehicle attribute (e.g colour) and track their movements	
	Intelligent search		Search people or vehicle detection events (Perimeter Protection)	
Network	Ethernet		RJ-45 (10/100Base-T)	
	Protocol		IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP	
	Streaming Method		Unicast / Multicast	
	Max. User Access		20 Users (Total bandwidth: 64MB)	
Interface	Video Interface		N/A	
	Audio Interface		Dual Built-in Mic & Built-in Speaker, 1 Audio In/Output (RCA) / Audio Compression - PCM; G.711a; G.711Mu; G.726; G.723	
	Alarm Interface		1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC	
	RS485		N/A	
	Edge Storage		MicroSD Card (up to 512GB) / NAS / FTP / SFTP	
	Interoperability		ONVIF (Profile S, Profile G, Profile T) / P2P / CGI	
Environmental	Power Supply		12VDC / PoE (820.3af)	
	Power Consumption		< 4.1 W (12 VDC); < 6 W (PoE)	< 8.2 W (12 VDC); < 10 W (PoE)
	Operating Conditions		-40°C ~ +60°C / ≤95% RH	
	Ingress Protection		IP67	
	Vandal Resistance		N/A	
	Housing		Metal	
	Pan/Tilt/Rotation		Pan: 0°-360° / Tilt: 0°-78° / Rotation: 0°-360°	
	Dimensions		Φ122 mm x 116mm	
	Net Weight		0.8kg	

Accessories



Junction Box	Ceiling Mount
VSBKTA137	VSBKTA109 + VSBKTB220C
Wall Mount	**Pole Mount**
VSBKTB205W-E	VSBKTB205W-E + VSBKTA152E

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