

Superb low light performance

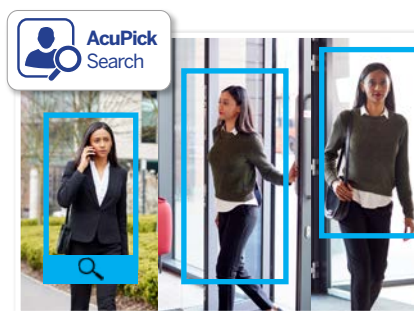
Professional AI Series: Fixed lens AI Active Deterrence turret Pro in 6.0MP and 8.0MP

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.



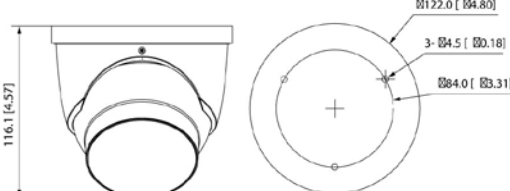
Spotlight, Siren & Blue/Red Strobe



Intelligent people & vehicle search



AI Adapts Scene for Best Picture

Specifications		6.0MP Fixed AI Deterrence Turret	8.0MP Fixed AI Deterrence Turret
Camera	Camera System	VSIPP-6DG-ID4-P	
	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 / Iris	2.8mm F1.0 Fixed Lens	
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 x 240)	
	Frame Rate	Main	6MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)
		Third	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	
IVS	Noise Reduction	3D NR	
	Picture Control	Mirror / Flip (0°, 90°, 180°, 270°)	
	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Illumination, Defog, Object Abandoned / Missing	
	AI Functions	Event Triggers: Motion Detection, Perimeter Protection, Video Tampering, Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, Storage Anomaly	
	Intelligent search	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	
		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)	
	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	
Accessories	Net Weight	0.8kg	
		Junction Box	Ceiling Mount
		VSBKTA137	VSBKTA109 + VSBKTB220C
		Wall Mount	Pole Mount
		VSBKTB205W-E	VSBKTB205W-E + VSBKTA152E

Your local VIP Vision™ IP solutions professional: