AI People & Vehicle Detection — Gen. 2

AI Scene Adaptive

Pro 24/7 Colour

AcuPick Search

Intruder Deterrence

8.0 MEGAPIXEL
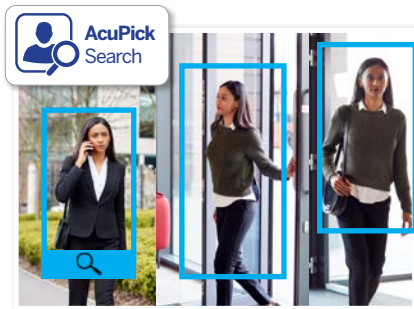
Superb low light performance

Professional AI Series: Fixed lens AI Active Deterrence turret Pro in 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 0.008lx

- 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

AcuPick Search — **Intelligent people & vehicle search**

AI Scene Adaptive — **AI Adapts Scene for Best Picture**

Specifications		8.0MP Fixed AI Deterrence Turret
Camera	Camera System	VSIPP-8DG-ID4-P
	Image Sensor	1/1.8" 8.0MP Progressive Scan CMOS
	Effective Pixels	3840 (H) x 2160 (V)
	RAM / ROM	2G / 256MB
	Min Illumination	0.0008 lux/F1.0 (Colour, 30 IRE) / 0.0004 lux/F1.0 (B/W, 30IRE) / 0 lux (IR)
	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)	82m
	Observe (63px/m)	33m
	Recognise (125px/m)	16m
	Identify (250px/m)	8m
Video	Resolution	8MP (3840 x 2160) to CIF (352 x 288 / 352 × 240)
	Frame Rate — Main	8.0MP (1 ~ 25fps)
	Frame Rate — Sub	1080p (1 ~ 25fps)
	Frame Rate — 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
	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	< 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

Your local VIP Vision™ IP solutions professional: