AI People & Vehicle Detection Gen. 2

AI Scene Adaptive

24/7 Colour

Intruder Deterrence

8.0 MEGAPIXEL



Active Online SECURITY

180° Intruder deterrence.

Professional AI Series: 180° Fixed lens AI active deterrence turrets in 8.0MP

The Professional AI Series utilises the latest in AI machine learning technology to identify people & vehicles with superior accuracy and reliability. The active deterrence range incorporates AI detection and a variety of in-camera features to deter intruders. 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. They are ideal for active security across a variety of residential and commercial applications.

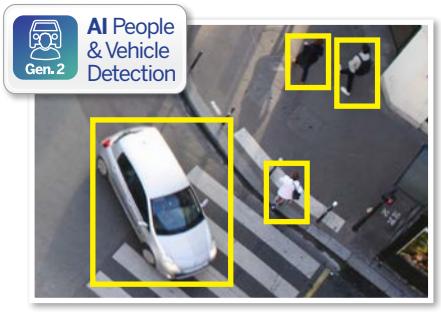
- Stream up to 8.0MP (4096 x 1860) at 20fps
- Activates spotlight, flashing light & siren, switching from IR to colour footage in response to alarm events
- 24/7 Colour low light footage as low as 0.005lx
- Up to 25m infrared, BLC/HLC & true WDR (120dB)
- Intelligent AI detection to identify people & vehicles
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs
- Dual cameras in one housing for a 180° field of view
- IP67 weather rated housing for outdoor use



180° Coverage Surveillance



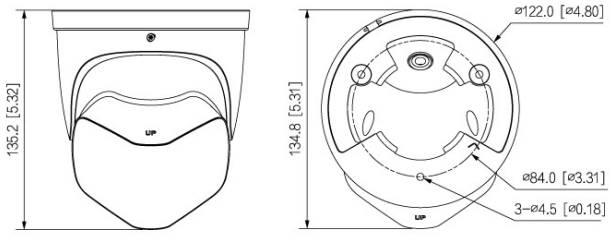
Spotlight, Siren & Blue/Red Strobe



AI Human & Vehicle Detection

	Specifications		8.0MP Fixed 180° AI Deterrence Turret
	Ordering Information		**VSIPP-8DD-ID3**
Camera	Image Sensor		1/2.7" 8.0MP Progressive Scan CMOS
	Effective Pixels		4096 (H) x 1860 (V)
	RAM / ROM		1GB / 128MB
	Min Illumination		0.005 Lux/F1.4 (Color), 0.0005 lux/F1.4 (B/W, 30 IRE), 0 lux (IR)
	Electronic Shutter		1/3 ~ 1/100,000s
	S/N Ratio		> 56dB
	Infrared System		1 x Infrared LED, 25m range, Auto/manual on/off control
	LED Illumination		1 x Spotlight (Warm White), 1 x Red & Blue Alarm Light
Lens	Lens / Iris		2.8mm F1.4 Fixed Lens
	Field of View		Horizontal: 180°, Vertical: 86°
	Focus		Auto Focus / 0.8m Min. Focus Distance
DORI	Detect (25px/m)		50m
	Observe (63px/m)		20m
	Recognise (125px/m)		10m
	Identify (250px/m)		5m
Video	Resolution		8.0MP (4096 x 1860) to 960 x 432
	Frame Rate	Main	8.0MP (1 ~ 20fps)
		Sub	1200 x 530 (1 ~ 20fps)
		Third	1920 x 860 (1 ~ 20fps)
	Video Compression		H.265+ / H.265 / H.264+ / H.264 / H.264B / MJPEG
	Bit Rate		H.265: 6 ~ 16384Kbps / H.264: 6 ~ 16384Kbps
	Bit Rate Control		Constant bit rate (CBR) / Variable bit rate (VBR)
	Day/Night		Auto (ICR) / Colour / B&W
	Lighting Compensation		BLC / HLC / WDR (120dB)
	Smart Scene Adaptive		Yes
	White Balance		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom
	Gain Control		Auto
	Noise Reduction		3D DNR
IVS	Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Defog **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
	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; P2P
	Streaming Method		Multicast
	Max. User Access		20 Users (Total bandwidth: 64MB)
Interface	Video Interface		N/A
	Audio Interface		Built-in Mic & Built-in Speaker / 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 256GB) / NAS / FTP / SFTP
	Interoperability		ONVIF (Profile S, Profile G, Profile T) / CGI
Environmental	Power Supply		12VDC / PoE (802.3af)
	Power Consumption		Deterrence: <8.7W (12VDC), <10.85W (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		Ø 122mm x 135mm
	Net Weight		0.99kg

Accessories



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

Your local VIP Vision™ IP solutions professional:

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