

180° Intruder deterrence.

Professional AI Series: 180° Fixed lens AI active deterrence bullet 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



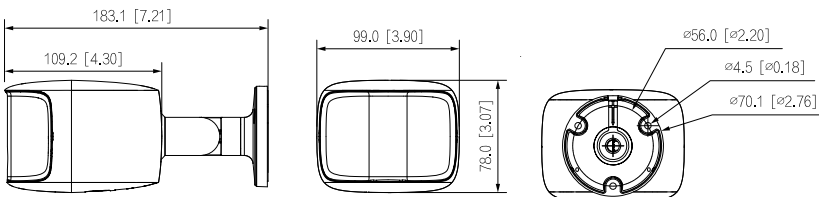
180° Coverage Surveillance



Spotlight, Siren & Blue/Red Strobe



AI Human & Vehicle Detection

Specifications		8.0MP Fixed 180° AI Deterrence Bullet	
Camera	Ordering Information	VSIPP-8BD-ID3	
	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)	51m	
	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) / Color / B&W	
	Lighting Compensation	BLC / HLC / WDR (120dB)	
	Smart Scene Adaptive	Yes	
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual	
	Gain Control	Auto	
	Noise Reduction	3D DNR	
IVS	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Illumination, Defog	
	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 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	Deterrence: <9W (12VDC), <10.35W (PoE)	
	Power Consumption	<9W, <10.3W (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	Ø183mm x 99mm x 78mm	
	Net Weight	0.69kg	
Accessories			Junction Box
			VSBKTA130E

Your local VIP Vision™ IP solutions professional: