VIP VISION™

AI People & Vehicle Detection **Gen. 2**

AI Scene Adaptive

24/7 Colour

Intruder Deterrence

8.0 MEGAPIXEL **6.0** MEGAPIXEL
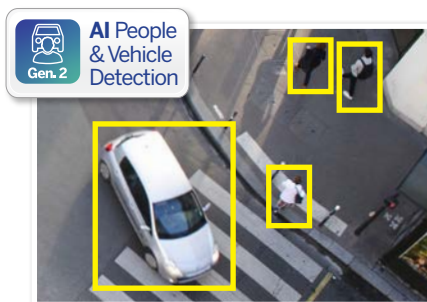
AI detects & deters intruders.

Professional AI Series: Fixed lens AI active deterrence turrets in 6.0MP and 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 (3840 x 2160) at 25fps
- 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 0.003lx
- 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.
- IP67 weather rated housing for outdoor use

Spotlight, Siren & Blue/Red Strobe

AI Human & Vehicle Detection

AI Adapts Scene for Best Picture

Specifications		6.0MP Fixed AI Deterrence Turret	8.0MP Fixed AI Deterrence Turret
	Ordering Information	VSIPP-6DG-ID3	VSIPP-8DG-ID3 VSIPP-8DG-ID3-B
Camera	Image Sensor	1/2.7" 6.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS
	Effective Pixels	3200 (H) x 1800 (V)	3840 (H) x 2160 (V)
	RAM / ROM	512MB / 128MB	
	Min Illumination	0.003 Lux/F1.0 (Color), 0.0003 lux/F1.0 (B/W, 30 IRE), 0 lux (IR)	0.004 Lux/F1.0 (Color), 0.0004 lux/F1.0 (B/W, 30 IRE), 0 lux (IR)
	Electronic Shutter	1/3 ~ 1/100,000s	
	S/N Ratio	> 56dB	
	Infrared System	1 x Infrared LED, 30m range, Auto/manual on/off control	
	LED Illumination	1 x Spotlight (Warm White), 1 x Red & Blue Alarm Light	
Lens	Lens / Iris	2.8mm F1.0 Fixed Lens	2.8mm F1.0 Fixed Lens
	Field of View	Horizontal: 97°, Vertical: 70°, Diagonal: 128°	Horizontal: 106°, Vertical: 55°, Diagonal: 125°
	Focus	Auto Focus / 1.5m Min. Focus Distance	Auto Focus / 2m Min. Focus Distance
DORI	Detect (25px/m)	66m	91m
	Observe (63px/m)	26m	36m
	Recognise (125px/m)	13m	18m
	Identify (250px/m)	7m	9m
Video	Resolution	6.0MP (3200 x 1800) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate — Main	6.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
	Frame Rate — Sub	704 x 576 (1 ~ 25fps)	
	Frame Rate — Third	1080p (1 ~ 25fps)	
	Video Compression	H.265+ / H.265 / H.264+ / H.264 / H.264B / MJPEG	
	Bit Rate	H.265: 32 ~ 20480Kbps / H.264: 12 ~ 20480Kbps	
	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	SSA	
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual	
	Gain Control	Auto / Manual	
	Noise Reduction	3D DNR	
	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, Heat Map **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	
	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: 72MB)	
Interface	Video Interface	N/A	
	Audio Interface	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 256GB) / NAS / FTP / SFTP	
	Interoperability	ONVIF (Profile S, Profile G, Profile T) / P2P / CGI / Milestone	
Environmental	Power Supply	12VDC / PoE (802.3af)	
	Power Consumption	<8.8W	<10.2W
	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	Ø122mm x 111mm	
	Net Weight	0.75kg	

Accessories

110.9 [4.37]
⌀4.5 [⌀0.18]
⌀84.0 [⌀3.31]
⌀122.0 [⌀4.8]

Junction Box	Ceiling Mount
VSBKTA137 or VSBKTA130E	VSBKTA109 + VSBKTB220C
Wall Mount	**Pole Mount**
VSBKTB205WE or VSBKTB203W	VSBKTB205W + VSBKTA152E

Your local VIP Vision™ IP solutions professional:

AI People & Vehicle Detection
Gen. 2

AI Scene Adaptive

24/7 Colour

Intruder Deterrence

8.0 MEGA PIXEL

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
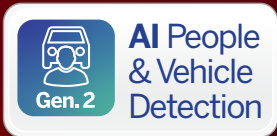- IP67 weather rated housing for outdoor use

180°

180° Coverage Surveillance

Spotlight, Siren & Blue/Red Strobe

AI People & Vehicle Detection
Gen. 2

AI Human & Vehicle Detection

Specifications		8.0MP Fixed 180° AI Deterrence Turret
	Ordering Information	VSIPP-8DD-ID3
Camera	Image Sensor	Dual 1/2.7" 4.0MP 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	2 x Infrared LED, 25m range, Auto/manual on/off control
	LED Illumination	2 x Spotlight (Warm White), 20m range, 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)
	Frame Rate — Sub	1200 x 530 (1 ~ 20fps)
	Frame Rate — 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, 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 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

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AI People & Vehicle Detection Gen. 2

AI Scene Adaptive

24/7 Colour

Intruder Deterrence

8.0 MEGAPIXEL

180° Intruder deterrence.

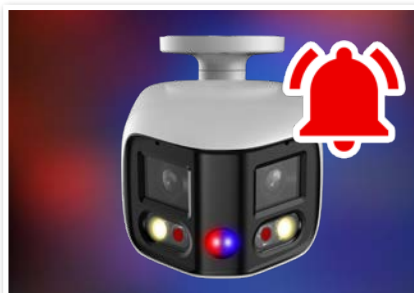## Professional AI Series: 180° Fixed lens AI active deterrence bullet in 8.0MP

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.

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- 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
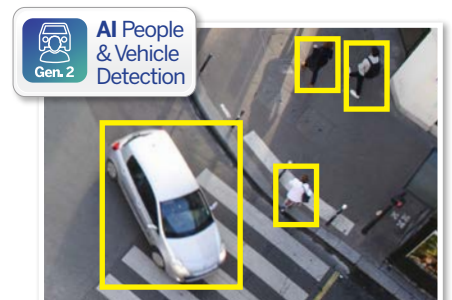- IP67 weather rated housing for outdoor use

180°
180° Coverage Surveillance

Spotlight, Siren & Blue/Red Strobe

AI People & Vehicle Detection Gen. 2
AI Human & Vehicle Detection

Specifications		8.0MP Fixed 180° AI Deterrence Bullet
Ordering Information		**VSIPP-8BD-ID3**
Image Sensor		Dual 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		2 x Infrared LED, 25m range, Auto/manual on/off control
LED Illumination		2 x Spotlight (Warm White), 1 x Red & Blue Alarm Light
Lens / Iris		2.8mm F1.4 Fixed Lens
Field of View		Horizontal: 180°, Vertical: 86°
Focus		Auto Focus / 0.8m Min. Focus Distance
Detect (25px/m)		51m
Observe (63px/m)		20m
Recognise (125px/m)		10m
Identify (250px/m)		5m
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
Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Illumination, 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)
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)
Video Interface		N/A
Audio Interface		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 256GB) / NAS / FTP / SFTP
Interoperability		ONVIF (Profile S, Profile G, Profile T) / CGI
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

Side labels (vertical): Camera, Lens, DORI, Video, IVS, Network, Interface, Environmental, Accessories

183.1 [7.21]　109.2 [4.30]　99.0 [3.90]　78.0 [3.07]　⌀56.0 [⌀2.20]　⌀4.5 [⌀0.18]　⌀70.1 [⌀2.76]

Junction Box

VSBKTA130E

Your local VIP Vision™ IP solutions professional: