



Professional AI Series

Motorised & Fixed AI IP Cameras

Series Overview

The Professional AI Series of fixed & motorised cameras features AI People & Vehicle Detection, allowing for accurate outdoors motion detection even when used with a standard NVR.

Model Reference

SKU	Description
VSIPP-4/6/8BIRG-I3	4, 6, 8.0MP Fixed AI Bullets
VSIPP-4/6/8BIRMG-I3	4, 6, 8.0MP Motorised AI Bullets
VSIPP-4/6/8DIRD-I3	4, 6, 8.0MP Fixed AI Domes
VSIPP-4/6/8DIRMD-I3	4, 6, 8.0MP Motorised AI Domes
VSIPP-4/6/8DIRG-I3	4, 6, 8.0MP Fixed AI Turrets
VSIPP-6/8DIRG-I3-B	6 & 8.0MP Black Fixed AI Turrets
VSIPP-4/6/8DIRMG-I3	4, 6, 8.0MP Motorised AI Turrets
VSIPP-6/8DG-ID4	6 & 8.0MP Active Deterrence Turrets
VSIPP-6/8DG-ID4-P	6 & 8.0MP Active Deterrence Turrets Pro
VSIPP-8DD-ID3	8.0MP Fixed 180° AI Deterrence Turret
VSIPP-8DD-ID3	8.0MP Black Fixed 180° AI Deterrence Turret
VSIPP-8DD-ID3	8.0MP Fixed 180° AI Deterrence Bullet
VSIPP-8DD-ID3	8.0MP Black Fixed 180° AI Deterrence Bullet
VSIPP-4DIRF-I2	4.0MP Fixed AI Wedge Dome



Stream up to Ultra HD

Capture footage at 4K / Ultra HD with up to 3840 x 2160 resolution.



Clear Footage at All Hours

With low light colour performance, True WDR & auto white balance.



Extended Power over Ethernet

Utilise PoE over a long distance, with a maximum range of 800m.



Intelligent search with Acupick

Search for people and vehicle across multiple CCTV cameras simultaneously.



AI People/vehicle Detection

AI People/vehicle Detection identifies vehicles & people to prevent false alarms.



AI Smart Scene Adaption

AI adjusts camera setting to deliver the best footage during scene changes.

Series Highlights

AI CCTV solutions for any system

with fixed & motorised bullets, domes & turrets up to 4K

Available in fixed and motorised lens models in bullet, vandal dome and turret style housings, the extensive Professional AI camera range perfectly fits into any surveillance site.

- Cameras available in 4.0MP, 6.0MP & 8.0MP models
- Fixed lens models for impressive results at a lower cost
- Motorised varifocal lens for remote zoom/focus settings
- Low light colour footage at lighting as low as 0.005lx
- IK10 vandal resistant housing (*domes only*)



Accurate person & vehicle detection

with Perimeter Protection & AI People/Vehicle Detection

Pro AI Series Cameras can distinguish people, vehicles and other moving objects in real time, with alarm settings that can be figured to respond to any desired trigger.

- Filter out false alarms caused by animals, object movement and scene changes with superb accuracy.
- Receive people and vehicle notifications to your devices.
- Search for key footage by filtering by detection events or using intelligent search functions (e.g. Acupick).
- Get alerts when entry-point tripwires are triggered.
- Create detection zones by drawing intrusion boxes around key areas or objects



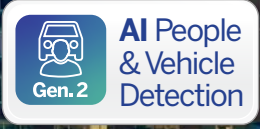
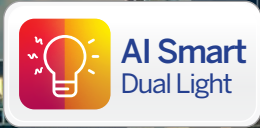
Use AI features with standard NVRs

with Professional AI Series cameras

Pro AI Cameras are the most cost-effective way of adding intelligent AI surveillance features to a system, with People & Vehicle Identification working regardless of NVR model.

- Use Perimeter Protection / Smart Motion Detection without the need for an AI NVR
- *AI NVR still required for AI Face Recognition & People Counting features*



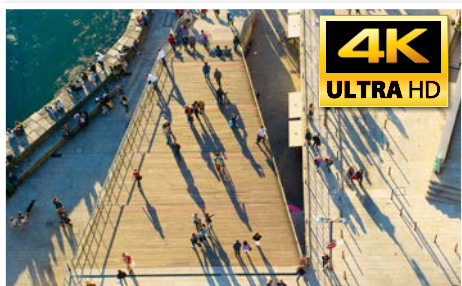


Camera & security light in one.

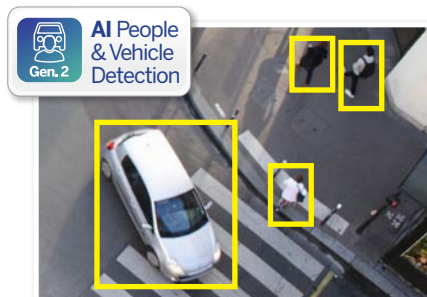
Professional AI Series: Fixed lens AI bullet cameras in 4.0MP, 6.0MP & 8.0MP

The Professional AI CCTV camera I3 range combines the latest in AI surveillance and a security light into one housing. During AI people and vehicle detection events, the camera will trigger a warm LED light to deter intruders and capture footage in full colour. Quickly search and track people & vehicles throughout entire sites across all Acupick CCTV cameras in your security system.

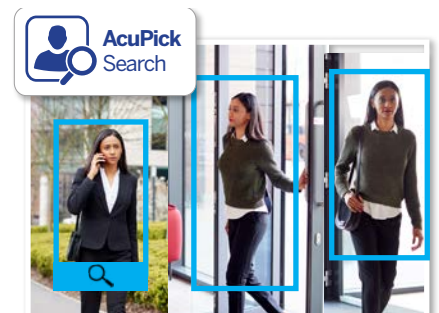
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 50m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265 encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 512GB
- AI weather and anti-flicker scene self-adaption
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs



Record up to 4K in Real Time



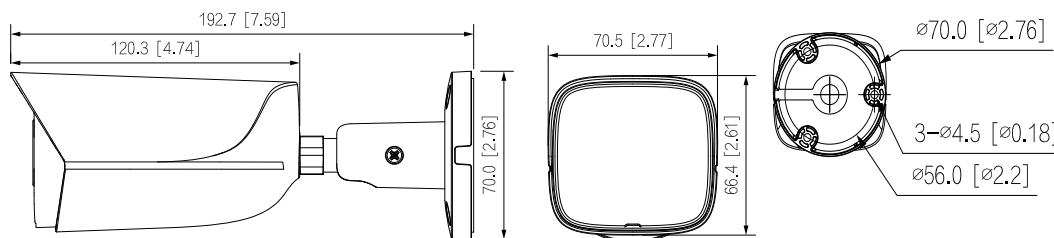
AI Human & Vehicle Detection



Intelligent people & vehicle search

Specifications		4.0MP Fixed AI Bullet	6.0MP Fixed AI Bullet	8.0MP Fixed AI Bullet
Ordering Information		VSIPP-4BIRG-I3	VSIPP-6BIRG-I3	VSIPP-8BIRG-I3
Camera	Image Sensor	1/2.9" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.7" 8.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)	3288 (H) x 1850 (V)	3840 (H) x 2160 (V)
	RAM / ROM	1GB / 256MB		
	Min Illumination	0.005 Lux/F1.4 (Color), 0.0005 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.005 Lux/F1.4 (Color), 0.0005 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 Lux/F1.4 (B/W), 0 lux (illuminator on)
	S/N Ratio	> 56dB		
Lens	Illuminator	2x warm LED light, 2 x Infrared LED, 50m range, Auto/manual on/off control	2x warm LED light, 2 x Infrared LED, 30m range, Auto/manual on/off control	2x warm LED light, 2 x Infrared LED, 30m range, Auto/manual on/off control
	Lens / Iris	2.8mm F1.4 Fixed Lens		
	Field of View	Horizontal: 100°, Vertical: 56°	Horizontal: 110°, Vertical: 58°	Horizontal: 110°, Vertical: 58°
DORI	Focus	Fixed / 1.0m Min. Focus	Fixed / 1.4m Min. Focus	Fixed / 1.4m Min. Focus
	Detect (25px/m)	62m	85m	85m
	Observe (63px/m)	25m	34m	34m
	Recognise (125px/m)	12m	17m	17m
	Identify (250px/m)	6m	8m	8m
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3288 x 1850) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	
	Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only by sub stream), Smart H.265+; Smart H.264+; AI H.265; AI H.264		
	Bit Rate	H.265: 3 ~ 16384Kbps / H.264: 3 ~ 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) / AI SSA		
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
IVS	Gain Control	Auto/Manual		
	Noise Reduction	3D DNR		
	Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° at 4.0MP resolution and lower)		
	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones), Smart Infrared, Smart Dual Light		
	AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection IVS (Perimeter Protection): People and vehicle detection using tripwire or intrusion rules Acupick: Search by people/vehicle attribute (e.g colour) and track their movements		
Network	Intelligent Search	Search people or vehicle detection events (SMD 4.0, 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)		
Interface	Video Interface	N/A		
	Audio Interface	1 input (RCA Port) / 1 output (RCA Port) / Built-in Mic / Audio Compression - G.711a; G.711Mu; G.726; G.723		
	Alarm Interface	1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC		
	Edge Storage	MicroSD Card (up to 512GB) / NAS / FTP/ SFTP		
	Interoperability	ONVIF / P2P / CGI		
Environmental	Power Supply	12VDC / PoE (802.3af)		
	Power Consumption	<7.2W (12VDC) / 9.7W (PoE)	<8W (12VDC) / 10W (PoE)	<7.4W (12VDC) / 9.5W (PoE)
	Operating Conditions			
	Ingress Protection	IP67		
	Housing	Metal		
	Pan/Tilt/Rotation	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°		
	Dimensions	193mm x 71mm x 66mm		
		Net Weight		
		0.61kg		

Application



Junction Box	Corner Mount
VSBKTA130E	VSBKTA130E + VSBKTA151
Pole Mount	
VSBKTA130E + VSBKTA152E	

Your local VIP Vision™ IP solutions professional:



Camera & security light in one.

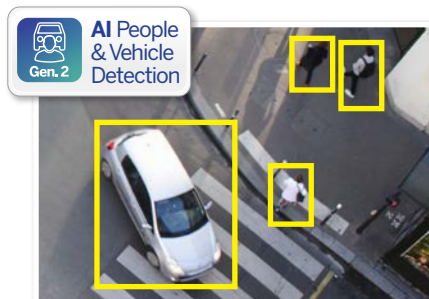
Professional AI Series: Motorised AI bullet cameras in 4.0MP, 6.0MP & 8.0MP

The Professional AI CCTV camera I3 range combines the latest in AI surveillance and a security light into one housing. During AI people and vehicle detection events, the camera will trigger a warm LED light to deter intruders and capture footage in full colour. Quickly search and track people & vehicles throughout entire sites across all Acupick CCTV cameras in your security system.

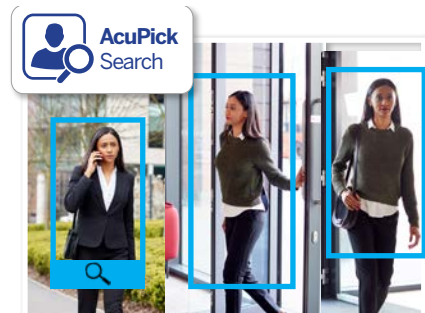
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 60m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265 encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- AI weather and anti-flicker scene self-adaption
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs



Record up to 4K in Real Time



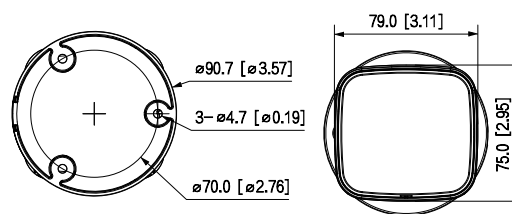
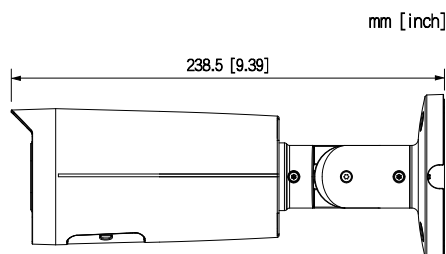
AI Human & Vehicle Detection



Intelligent people & vehicle search

Specifications		4.0MP Motorised AI Bullet	6.0MP Motorised AI Bullet	8.0MP Motorised AI Bullet
Camera	Ordering Information	VSIPP-4BIRMG-I3		VSIPP-6BIRMG-I3
	Image Sensor	1/2.9" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.7" 8.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)	3288 (H) x 1850 (V)	3840 (H) x 2160 (V)
	RAM / ROM	1GB / 256MB		
	Min Illumination	0.005 Lux/F1.4 (Color), 0.0005 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 Lux/F1.4 (B/W), 0 lux (illuminator on)
	Illuminator	4x warm LED light, 4x Infrared LED, 60m range, Auto/manual on/off control		
	S/N Ratio	> 56dB		
Lens	Lens / Iris	2.7 ~ 13.5mm F1.4 Motorised Varifocal Lens with Fixed Iris		
	Field of View	Horizontal: 104°~29°, Vertical: 54°~16°	Horizontal: 114°~32°, Vertical: 58°~17°	Horizontal: 114°~32°, Vertical: 58°~17°
	Focus	Auto Focus / 0.1m Min. Focus Distance		
DORI	Detect (25px/m)	64m (wide) / 210m (tele)	85m (wide) / 280m (tele)	85m (wide) / 280m (tele)
	Observe (63px/m)	26m (wide) / 84m (tele)	34m (wide) / 112m (tele)	34m (wide) / 112m (tele)
	Recognise (125px/m)	13m (wide) / 42m (tele)	17m (wide) / 56m (tele)	17m (wide) / 56m (tele)
	Identify (250px/m)	6m (wide) / 21m (tele)	8m (wide) / 28m (tele)	8m (wide) / 29m (tele)
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3288 x 1850) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	
	Video Compression	H.265; H.264; H.264H; H.264B; MJPEG; Smart H.265+; Smart H.264+; AI H.265; AI H.264		
	Bit Rate	H.265: 3 ~ 16384Kbps / H.264: 3 ~ 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) / AI SSA		
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
	Gain Control	Auto		
	Noise Reduction	3D DNR		
IVS	Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) (support 90°/270° with 4.0MP and lower)		
	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones), Smart Infrared		
	AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules Acupick: Search by people/vehicle attribute (e.g colour) and track their movements		
	Intelligent Search	Search people or vehicle detection events (SMD 4.0, 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; IGMP; NFS; SAMBA; PPPoE; SNMP; P2P		
	Streaming Method	Multicast		
	Max. User Access	20 Users (Total bandwidth: 64MB)		
Interface	Video Interface	N/A		
	Audio Interface	1 input (RCA Port) / 1 output (RCA Port) / Built-in MIC / Audio Compression - G.711a; G.711Mu; PCM; G.726; G.723		
	Alarm Interface	1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC		
	Edge Storage	FTP / SFTP / NAS / MicroSD Card (up to 512GB)		
	Interoperability	ONVIF / P2P / CGI		
Environmental	Power Supply	12VDC / PoE (802.3af)		
	Power Consumption	Max: <9.3W (12VDC), 11.9W (PoE)	Max: <9.9W (12VDC), 12.5W (PoE)	Max: <9.9W (12VDC), 12.5W (PoE)
	Operating Conditions	-40°C ~ +60°C / ≤95% RH		
	Ingress Protection	IP67		
	Housing	Metal		
	Pan/Tilt/Rotation	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°		
	Dimensions	239mm x 79mm x 75mm		
Net Weight		0.84kg		

Application



Junction Box	
VSBKTA130E	VSBKTA135
Pole Mount	Corner Mount
VSBKTA135 or VSBKTA130E + VSBKTA152E	VSBKTA130E + VSBKTA151

Your local VIP Vision™ IP solutions professional:

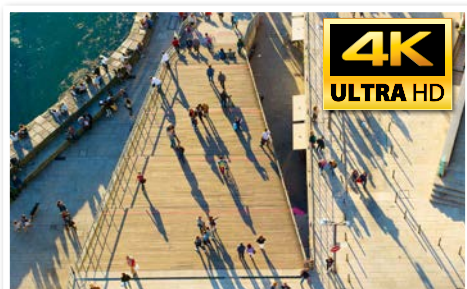


Camera & security light in one.

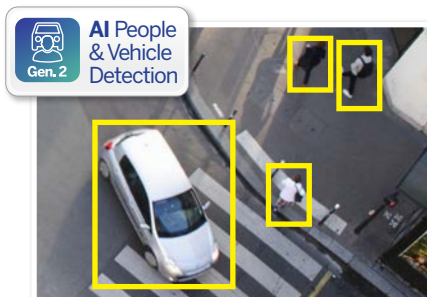
Professional AI Series: Fixed lens AI vandal dome in 4.0MP, 6.0MP & 8.0MP

The Professional AI CCTV camera I3 range combines the latest in AI surveillance and a security light into one housing. During AI people and vehicle detection events, the camera will trigger a warm LED light to deter intruders and capture footage in full colour. Quickly search and track people & vehicles throughout entire sites across all Acupick CCTV cameras in your security system.

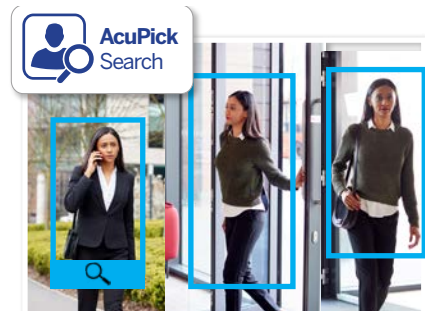
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 40m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 512GB
- AI weather and anti-flicker scene self-adaption
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs
- IP67 weather rated & IK10 vandal rated housing



Record up to 4K in Real Time



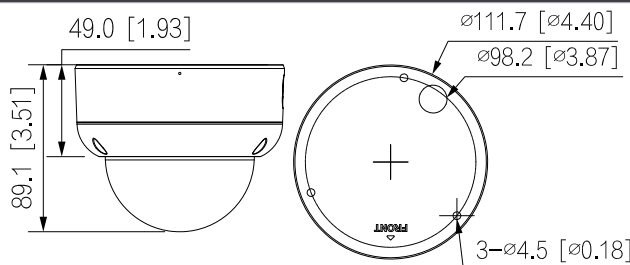
AI Human & Vehicle Detection



Intelligent people & vehicle search

Specifications		4.0MP Fixed AI Vandal Dome	6.0MP Fixed AI Vandal Dome	8.0MP Fixed AI Vandal Dome
Ordering Information		VSIPP-4DIRD-I3	VSIPP-6DIRD-I3	VSIPP-8DIRD-I3
Camera	Image Sensor	1/2.9" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)	3288 (H) x 1850 (V)	3840 (H) x 2160 (V)
	RAM / ROM	1GB / 256MB		
	Min Illumination	0.005 Lux/F1.4 (Color), 0.0005 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.005 Lux/F1.4 (Color), 0.0005 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 Lux/F1.4 (B/W), 0 lux (illuminator on)
	Illuminator	4x warm LED light, 3 x Infrared LED, 40m range, Auto/manual on/off control	4x warm LED light, 3 x Infrared LED, 30m range, Auto/manual on/off control	4x warm LED light, 3 x Infrared LED, 30m range, Auto/manual on/off control
	S/N Ratio	> 56dB		
Lens	Lens / Iris	2.8mm F1.4 Fixed Lens		
	Field of View	Horizontal: 100°, Vertical: 56°	Horizontal: 110°, Vertical: 58°	Horizontal: 110°, Vertical: 58°
	Focus	Fixed / 1.0m Min. Focus	Fixed / 1.4m Min. Focus	Fixed / 1.4m Min. Focus
DORI	Detect (25px/m)	62m	85m	85m
	Observe (63px/m)	25m	34m	34m
	Recognise (125px/m)	12m	17m	17m
	Identify (250px/m)	6m	8m	8m
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3288 x 1850) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	
	Video Compression	H.265; H.264; H.264H; H.264B; MJPEG; Smart H.265+; Smart H.264+; AI H.265; AI H.264		
	Bit Rate	H.265: 3 ~ 16384Kbps / H.264: 3 ~ 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) / AI SSA		
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
	Gain Control	Auto/Manual		
	Noise Reduction	3D DNR		
IVS	Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° at 4.0MP resolution and lower)		
	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones)		
	AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection IVS (Perimeter Protection): People and vehicle detection using tripwire or intrusion rules Acupick: Search by people/vehicle attribute (e.g colour) and track their movements		
	Intelligent search	Search people or vehicle detection events (SMD 4.0, 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 / 1 input (RCA Port) / 1 output (RCA Port) / Audio Compression - G.711a; G.711mu; PCM; G.726; G.723		
	Alarm Interface	1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC		
	Edge Storage	MicroSD Card (up to 512GB) / NAS / FTP / SFTP		
Environmental	Interoperability	ONVIF / P2P / CGI		
	Power Supply	12VDC / PoE (802.3af)		
	Power Consumption	Max <6W (12VDC), 7.1W (PoE)	Max <6.4W (12VDC), 7.5W (PoE)	Max <6.2W (12VDC), 8.2W (PoE)
	Operating Conditions	-40°C ~ +60°C, ≤95% RH		
	Ingress Protection	IP67		
	Vandal Resistance	IK10		
	Housing	Metal		
	Pan/Tilt/Rotation	Pan: 0° ~ 355°, Tilt: 0° ~ 75°, Rotation: 0° ~ 355°		
	Dimensions	Ø89mm x 112mm		
	Net Weight	0.53kg		

Application



Junction Box	Ceiling Mount	Wall Mount
VS BKTA136	VS BKTA109 + VS BKTB220C	VS BKTB203W
Pole Mount	Corner Mount	
VS BKTB203W + VS BKTA152E	VS BKTA109 + VS BKTB305W + VS BKTA151	

Your local VIP Vision™ IP solutions professional:



Camera & security light in one.

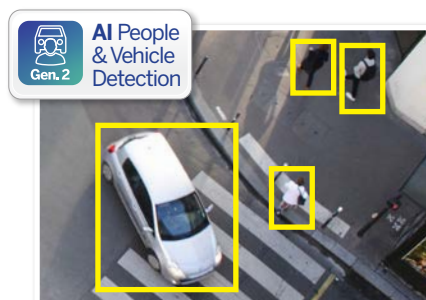
Professional AI Series: Motorised AI vandal dome in 4.0MP, 6.0MP & 8.0MP

The Professional AI CCTV camera I3 range combines the latest in AI surveillance and a security light into one housing. During AI people and vehicle detection events, the camera will trigger a warm LED light to deter intruders and capture footage in full colour. Quickly search and track people & vehicles throughout entire sites across all Acupick CCTV cameras in your security system.

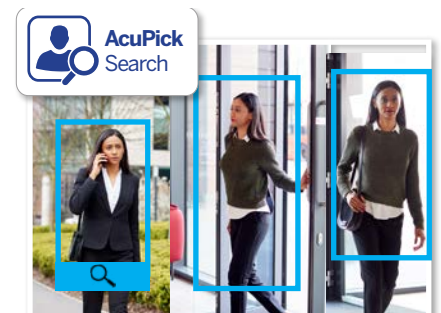
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 50m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265+ encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 512GB
- AI weather and anti-flicker scene self-adaption
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs



Record up to 4K in Real Time

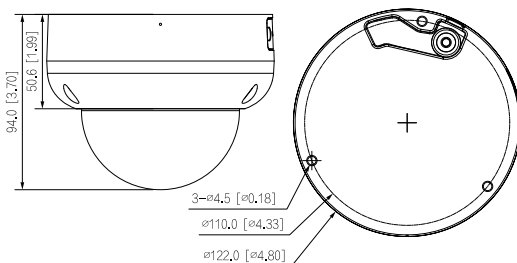


AI Human & Vehicle Detection



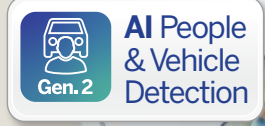
Intelligent people & vehicle search

Specifications		4.0MP Motorised AI Vandal Dome	6.0MP Motorised AI Vandal Dome	8.0MP Motorised AI Vandal Dome	
Ordering Information		VSIPP-4DIRMD-I3	VSIPP-6DIRMD-I3	VSIPP-8DIRMD-I3	
Camera	Image Sensor	1/2.9" 4.0MP Progressive Scan CMOS		1/2.7" 8.0MP Progressive Scan CMOS	
	Effective Pixels	2688 (H) x 1520 (V)		3840 (H) x 2160 (V)	
	RAM / ROM	1GB / 256MB			
	Min Illumination	0.005 Lux/F1.4 (Color), 0.0005 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 Lux/F1.4 (B/W), 0 lux (illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 Lux/F1.4 (B/W), 0 lux (illuminator on)	
	S/N Ratio	> 56dB			
	Illuminator	4x warm LED light, 4 x Infrared LED, 50m range, auto/manual on/off control			
Lens	Lens / Iris	2.7 ~ 13.5mm F1.4 Motorised Varifocal Lens with Fixed Iris			
	Field of View	Horizontal: 104°~29°, Vertical: 54°~16°	Horizontal: 114°~32°, Vertical: 58°~17°	Horizontal: 114°~32°, Vertical: 58°~17°	
	Focus	Auto Focus / 0.1m Min. Focus Distance			
DORI	Detect (25px/m)	64m (wide) / 210m (tele)	85m (wide) / 280m (tele)	85m (wide) / 280m (tele)	
	Observe (63px/m)	26m (wide) / 84m (tele)	34m (wide) / 112m (tele)	34m (wide) / 112m (tele)	
	Recognise (125px/m)	13m (wide) / 42m (tele)	17m (wide) / 56m (tele)	17m (wide) / 56m (tele)	
	Identify (250px/m)	6m (wide) / 21m (tele)	8m (wide) / 28m (tele)	8m (wide) / 28m (tele)	
Video	Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3288 x 1850) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)		
		Third	1080p (1 ~ 25fps)		
	Video Compression		H.265; H.264; H.264H; H.264B; MJPEG; Smart H.265+; Smart H.264+; AI H.265; AI H.264		
	Bit Rate		H.265: 3 ~ 16384 Kbps / H.264: 3 ~ 16384 Kbps		
	Bit Rate Control		Constant bit rate (CBR) / Variable bit rate (VBR)		
	Day/Night		Auto (ICR) / Color / B&W		
	Lighting Compensation		BLC / HLC / WDR (120dB) / AI 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°) (support 90°/270° with 4.0MP resolution and lower)			
IVS	Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones), Smart Infrared		
	AI Functions		Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules Acupick: Search by people/vehicle attribute (e.g colour) and track their movements		
	Intelligent search		Search people or vehicle detection events (SMD 4.0, 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		
Interface	Video Interface		N/A		
	Audio Interface		Built-in Mic / 1 input (RCA Port) / 1 output (RCA Port) / Audio Compression - G.711a; G.711Mu; PCM; G.726; G.723		
	Alarm Interface		1 channel in: 3- 5mA 5VDC / 1 channel out: 300mA 12VDC		
	Edge Storage		MicroSD Card (up to 512GB) / NAS / FTP / SFTP		
	Interoperability		ONVIF (Profile S & Profile G & Profile T & Profile M); CGI		
Environmental	Power Supply		12VDC / PoE (802.3af)		
	Power Consumption		Max <8.2W (12VDC), <11W (PoE)	Max <9.2W (12VDC), <11.3W (PoE)	Max <9.2W (12VDC), <11.3W (PoE)
	Operating Conditions		-30°C ~ +60°C, ≤95% RH		
	Ingress Protection		IP67		
	Vandal Resistance		IK10		
	Housing		Metal		
	Pan/Tilt/Rotation		Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotation: 0° ~ 355°		
	Dimensions		Ø122mm x 94mm		
	Net Weight		0.56kg		
Application					



Junction Box	Wall Mount	Ceiling Mount
VSBKTA137 or VSBKTA123-2	VSBKTB206W or VSBKTA109 + VSBKTB305W	VSBKTA109 + VSBKTB220C
Corner Mount		Pole Mount
VSBKTA109 + VSBKTB305W + VSBKTA151		VSBKTA109 + VSBKTB305W + VSBKTA150

Your local VIP Vision™ IP solutions professional:

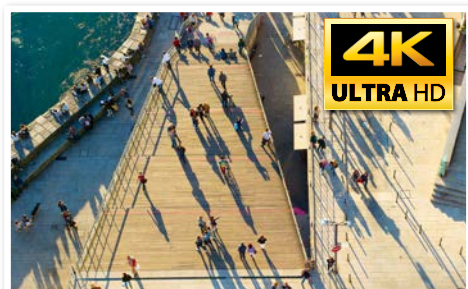


Camera & security light in one.

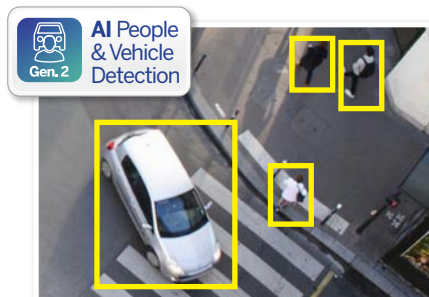
Professional AI Series: Fixed lens AI turret domes in 4.0MP, 6.0MP & 8.0MP

The Professional AI CCTV camera I3 range combines the latest in AI surveillance and a security light into one housing. During AI people and vehicle detection events, the camera will trigger a warm LED light to deter intruders and capture footage in full colour. Quickly search and track people & vehicles throughout entire sites across all Acupick CCTV cameras in your security system.

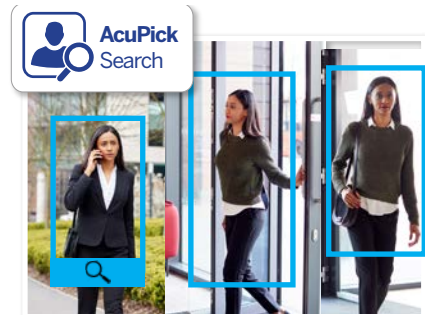
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 50m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265 encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 512GB
- AI weather and anti-flicker scene self-adaption
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs



Record up to 4K in Real Time

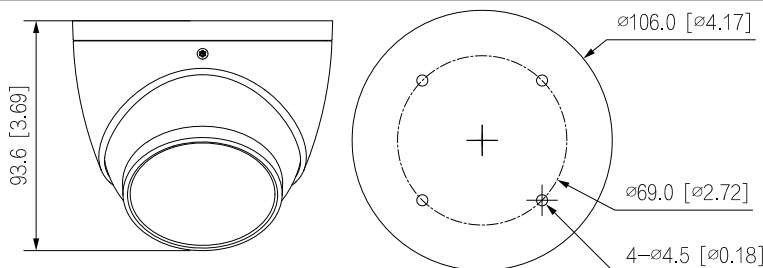


AI Human & Vehicle Detection



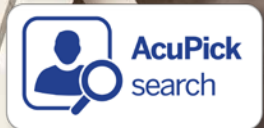
Intelligent people & vehicle search

Specifications		4.0MP Fixed AI Turret Dome		6.0MP Fixed AI Turret Dome		8.0MP Fixed AI Turret Dome		
Ordering Information		VSIPP-4DIRG-I3		VSIPP-6DIRG-I3 VSIPP-6DIRG-I3-B (Black)		VSIPP-8DIRG-I3 VSIPP-8DIRG-I3-B (Black)		
Camera	Image Sensor	1/2.9" 4.0MP Progressive Scan CMOS		1/2.7" 6.0MP Progressive Scan CMOS		1/2.7" 8.0MP Progressive Scan CMOS		
	Effective Pixels	2688 (H) x 1520 (V)		3288 (H) x 1850 (V)		3840 (H) x 2160 (V)		
	RAM / ROM	1 GB / 256MB						
	Min Illumination	0.005 Lux/F1.4 (Color), 0.0005 lux/F1.4 (B/W, 30 IRE), 0 lux (Illuminator on)		0.005 Lux/F1.4 (Color), 0.0005 lux/F1.4 (B/W, 30 IRE), 0 lux (Illuminator on)		0.007 Lux/F1.4 (Color), 0.0007 lux/F1.4 (B/W, 30 IRE), 0 lux (Illuminator on)		
	S/N Ratio	>56dB						
	Illuminator	2x warm LED light, 2 x Infrared LED, 50m range, Auto/manual on/off control		2x warm LED light, 2 x Infrared LED, 30m range, Auto/manual on/off control		2x warm LED light, 2 x Infrared LED, 30m range, Auto/manual on/off control		
Lens	Lens / Iris		2.8mm F1.4 Fixed Lens					
	Field of View		Horizontal: 100°, Vertical: 56°, Diagonal: 117°		Horizontal: 110°, Vertical: 58°, Diagonal: 132 °		Horizontal: 110°, Vertical: 58°	
	Focus		Auto Focus / 1.0m Min. Focus Distance		Auto Focus / 1.4m Min. Focus Distance		Fixed / 1.4m Min. Focus Distance	
DORI	Detect (25px/m)	62 m		85 m		85 m		
	Observe (63px/m)	25 m		34 m		34 m		
	Recognise (125px/m)	12 m		17 m		17 m		
	Identify (250px/m)	6 m		8 m		8 m		
Video	Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)		6.0MP (3288 x 1850) to CIF (352 x 288)		8.0MP (3840 x 2160) to CIF (352 x 288/352 x 240)	
	Frame Rate	Main	4.0MP (1 ~ 25fps)		6.0MP (1 ~ 25fps)		8.0MP (1 ~ 25fps)	
		Sub	1080p (1 ~ 25fps)					
		Third	1080p (1 ~ 25fps)					
	Video Compression		H.265 / H.264H / H.264 / H.264B / MJPEG / AI H.265; AI H.264					
	Bit Rate		H.265: 3 ~ 16384Kbps / H.264: 3 ~ 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) / AI SSA					
	White Balance		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom					
	Gain Control		Auto					
	Noise Reduction		3D DNR					
Picture Control		Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° with 4.0MP resolution and lower)						
IVS	Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones), Smart Infrared					
	AI Functions		Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules Acupick: Search by people/vehicle attribute (e.g colour) and track their movements					
	Intelligent search		Search people or vehicle detection events (SMD 4.0, Perimeter Protection)					
Network	Ethernet		RJ-45 (10/100 Base-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	Audio Interface		Built-in Mic / Audio Compression - G.711a; G.711Mu; G.726; PCM; G.723					
	Alarm Interface		N/A					
	RS485		N/A					
	Edge Storage		MicroSD Card (up to 512GB) / NAS / FTP / SFTP					
	Interoperability		ONVIF / P2P / CGI					
	Power Supply		12VDC / PoE (802.3af)					
Environmental	Power Consumption		Max: <7.1W (12VDC), 9.2W (PoE)		Max: <7.4W (12VDC), 9.5W (PoE)		Max: <7.4W (12VDC), 9.5W (PoE)	
	Operating Conditions		-40°C ~ +60°C / ≤95% RH					
	Ingress Protection		IP67					
	Housing		Metal					
	Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotation: 0° ~ 360°					
	Dimensions		Ø94mm x 106mm					
	Net Weight		0.53kg					
Application								



Junction Box		Wall Mount	
VSBKTA139		VSBKTB204W	VSBKTA106 + VSBKTB305W
Ceiling Mount		Pole Mount	
VSBKTA106 + VSBKTB220C		VSBKTA139 + VSBKTA152E	VSBKTB204W + VSBKTA152E

Your local VIP Vision™ IP solutions professional:



Camera & security light in one.

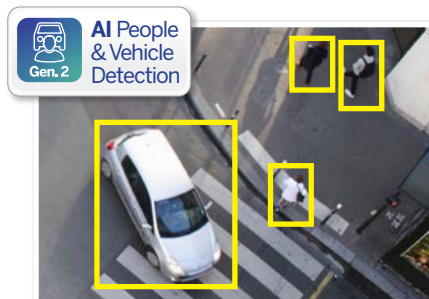
Professional AI Series: Motorised AI turret domes in 4.0MP, 6.0MP & 8.0MP

The Professional AI CCTV camera I3 range combines the latest in AI surveillance and a security light into one housing. During AI people and vehicle detection events, the camera will trigger a warm LED light to deter intruders and capture footage in full colour. Quickly search and track people & vehicles throughout entire sites across all Acupick CCTV cameras in your security system.

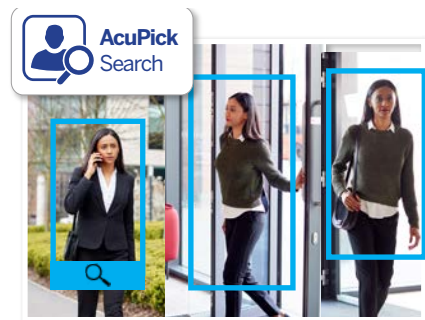
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 50m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265 encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 512GB
- AI weather and anti-flicker scene self-adaption
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs



Record up to 4K in Real Time

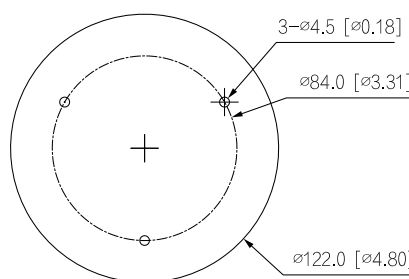
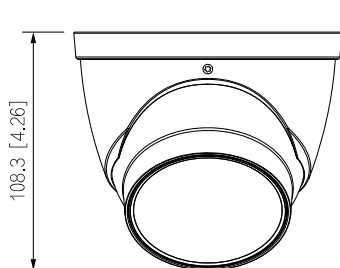


AI Human & Vehicle Detection



Intelligent people & vehicle search

Specifications		4.0MP Motorised AI Turret Dome	6.0MP Motorised AI Turret Dome	8.0MP Motorised AI Turret Dome	
Ordering Information		VSIPP-4DIRMG-I3	VSIPP-6DIRMG-I3	VSIPP-8DIRMG-I3	
Camera	Image Sensor	1/2.9" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.7" 8.0MP Progressive Scan CMOS	
	Effective Pixels	2688 (H) x 1520 (V)	3288 (H) x 1850 (V)	3840 (H) x 2160 (V)	
	RAM / ROM	1GB / 256MB			
	Min Illumination	0.005 Lux/F1.4 (Color), 0.0005 lux/F1.4 (B/W, 30 IRE), 0 lux (Illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 lux/F1.4 (B/W, 30 IRE), 0 lux (Illuminator on)	0.007 Lux/F1.4 (Color), 0.0007 lux/F1.4 (B/W, 30 IRE), 0 lux (Illuminator on)	
	S/N Ratio	> 56dB			
Illuminator		4x warm LED light (40m range), 2 x Infrared LED (50m range), Auto/manual on/off control			
Lens	Lens / Iris	2.7 ~ 13.5mm F1.4 Motorised Varifocal Lens with Fixed Iris			
	Field of View	Horizontal: 104°~29°, Vertical: 54°~16°	Horizontal: 114°~32°, Vertical: 58°~17°	Horizontal: 114°~32°, Vertical: 58°~17°	
	Focus	Auto Focus / 0.1m Min. Focus Distance			
DORI	Detect (25px/m)	64m (wide) / 210m (tele)	85m (wide) / 280m (tele)	85m (wide) / 280m (tele)	
	Observe (63px/m)	26m (wide) / 84m (tele)	34m (wide) / 112m (tele)	34m (wide) / 112m (tele)	
	Recognise (125px/m)	13m (wide) / 42m (tele)	17m (wide) / 56m (tele)	17m (wide) / 56m (tele)	
	Identify (250px/m)	6m (wide) / 21m (tele)	8m (wide) / 28m (tele)	8m (wide) / 28m (tele)	
Video	Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3288 × 1850) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Sub	1080p (1 ~ 25fps)		
		Third	1080p (1 ~ 25fps)		
	Video Compression		H.265; H.264; H.264H; H.264B; MJPEG; Smart H.265+; Smart H.264+; AI H.265; AI H.264		
	Bit Rate		H.265: 3 ~ 16384Kbps / H.264: 3 ~ 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) / AI SSA		
	White Balance		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
IVS	Gain Control		Auto		
	Noise Reduction		3D DNR		
	Picture Control		Mirror / Flip (0°, 90°, 180°, 270°) (support 90°/270° with 4.0MP resolution and lower)		
	Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones), Smart Infrared		
	AI Functions		Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules Acupick: Search by people/vehicle attribute (e.g colour) and track their movements		
	Intelligent search		Search people or vehicle detection events (SMD 4.0, 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		Multicast		
	Max. User Access		20 Users (Total bandwidth: 64MB)		
Interface	Video Interface		N/A		
	Audio Interface		Built-in Mic / Audio Compression - G.711a; G.711Mu; PCM; G.726; G.723		
	Alarm Interface		N/A		
	Edge Storage		MicroSD Card (up to 512GB) / NAS / FTP / SFTP		
	Interoperability		ONVIF / P2P / CGI		
Environmental	Power Supply		12VDC / PoE (802.3af)		
	Power Consumption		Max: <8.7W (12VDC), 10.3W (PoE)	Max: <8.2W (12VDC), 9.8W (PoE)	Max: <8.2W (12VDC), 9.8W (PoE)
	Operating Conditions		-30°C ~ +60°C / ≤95% RH		
	Ingress Protection		IP67		
	Housing		Metal		
	Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 78°, Rotation: 0° ~ 360°		
	Dimensions		Ø108mm x 122mm		
	Net Weight		0.69kg		
Application					



Junction Box	Wall Mount	Ceiling Mount
VSBKTA137	VSBKTB203W	VSBKTA106 + VSBKTB220C
Pole Mount		Corner Mount
VSBKTA137 + VSBKTA152E	VSBKTB203W + VSBKTA152E	VSBKTA106 + VSBKTB305W + VSBKTA152E

Your local VIP Vision™ IP solutions professional:



3-in-1 deterrence solution

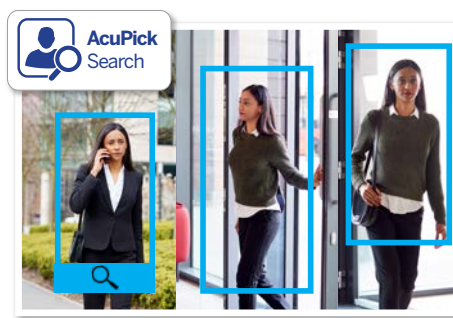
Professional AI Series: Fixed lens AI active deterrence turrets in 6.0MP and 8.0MP

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. Quickly search and track people & vehicles across all Acupick CCTV cameras in your security system.

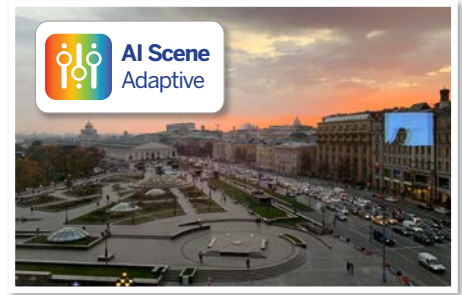
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Intelligent search across all Acupick cameras
- Activates spotlight, flashing light & siren, switching from IR to colour footage in response to alarm events
- 24/7 Colour low light footage as low as 0.004lx
- Up to 30m infrared, BLC/HLC & true WDR (120dB)
- 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.



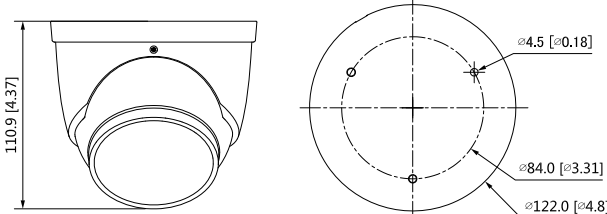
Spotlight, Siren & Blue/Red Strobe



Intelligent people & vehicle search



AI Adapts Scene for Best Picture

Specifications		6.0MP Fixed AI Deterrence Turret	8.0MP Fixed AI Deterrence Turret
Camera	Ordering Information	v	
	Image Sensor	1/2.7" 6.0MP Progressive Scan CMOS	1/2.7" 8.0MP Progressive Scan CMOS
	Effective Pixels	3072 (H) x 2048 (V)	3840 (H) x 2160 (V)
	RAM / ROM	2G / 256MB	
	Min Illumination	0.005 Lux/F1.4 (Color, 30 IRE), 0.0005 lux/F1.4 (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 / Iris	2.8mm F1.0 Fixed Lens	
Lens	Field of View	Horizontal: 97°, Vertical: 70°, Diagonal: 128°	Horizontal: 106°, Vertical: 55°, Diagonal: 125°
	Focus	Auto Focus / 1.5m Min. Focus Distance	
DORI	Detect (25px/m)	66m	
	Observe (63px/m)	26m	
	Recognise (125px/m)	13m	
	Identify (250px/m)	7m	
Video	Resolution	6.0MP (3072 x 2048) to CIF (352 x 288 288/352 x 240)	8.0MP (3840 x 2160) to CIF (352 x 288 288/352 x 240)
	Frame Rate	Main	6.0MP (1 ~ 25fps)
		Sub	704 x 576 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)
	Video Compression	H.265+ / H.265 / H.264+ / H.264 / 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 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	
	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), Search by attributes, such as clothing/vehicle colour and vehicle type (AI Quick Pick)	
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	Unicast / 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) / P2P / CGI / Milestone	
Environmental	Power Supply	12VDC / PoE	
	Power Consumption	< 8.6 W (12 VDC); < 10.1 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	Ø122mm x 111mm	
	Net Weight	0.75kg	
Accessories			Junction Box
			VSBKTA137 or VSBKTA130E
			Wall Mount
			VSBKTB205W-E or VSBKTB203W
		Ceiling Mount	VSBKTA109 + VSBKTB220C
		Pole Mount	VSBKTB205W-E + VSBKTA152E

Your local VIP Vision™ IP solutions professional:



Superb low light performance

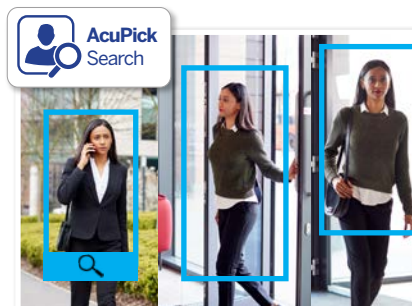
Professional AI Series: Fixed lens AI Active Deterrence turret Pro in 6.0MP and 8.0MP

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.



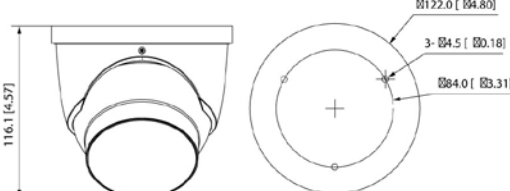
Spotlight, Siren & Blue/Red Strobe



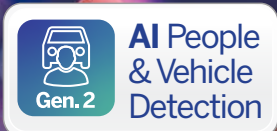
Intelligent people & vehicle search



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	
IVS	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°)	
	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:



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



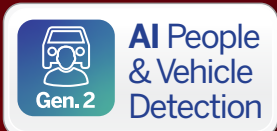
Spotlight, Siren & Blue/Red Strobe



AI Human & Vehicle Detection

Specifications		8.0MP Fixed 180° AI Deterrence Turret		
Ordering Information		VSIPP-8DD-ID3 VSIPP-8DD-ID3-B (Black)		
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)	
		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, 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

Your local VIP Vision™ IP solutions professional:



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.

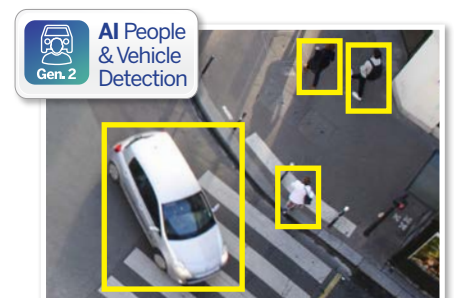
- Stream up to 8.0MP (4096 x 1860) at 20fps
- Activates spotlight, flashing light & siren, switching from IR to colour footage in response to alarm events
- 24/7 Colour low light footage as low as 0.005lx
- Up to 25m infrared, BLC/HLC & true WDR (120dB)
- Intelligent AI detection to identify people & 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



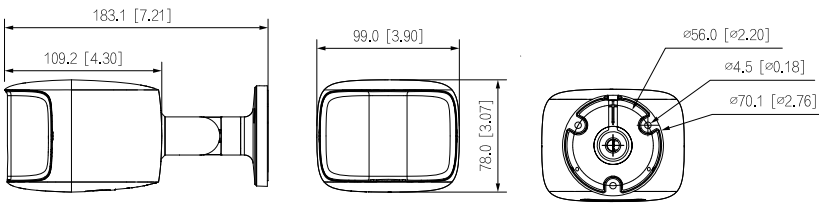
180° Coverage Surveillance



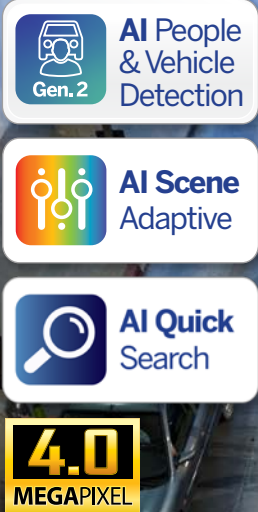
Spotlight, Siren & Blue/Red Strobe



AI Human & Vehicle Detection

Specifications		8.0MP Fixed 180° AI Deterrence Bullet	
Camera	Ordering Information		VSIPP-8BD-ID3 VSIPP-8BD-ID3-B (Black)
	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	
	v	2 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, 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	<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:

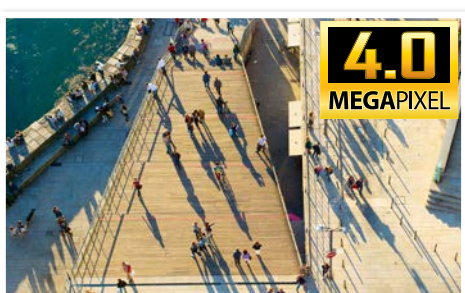


Identify people & vehicles.

Professional AI Series: Fixed AI perimeter protection wedge domes in 4.0MP

The Professional AI Series utilises the latest in AI machine learning technology to identify people & vehicles with superior accuracy and reliability. Experience improved AI performance with Smart Motion Detection (SMD 4.0) that minimises false triggers and detects humans & vehicles with a 99% accuracy rate. AI Smart Scene Adaptive (AI SSA) detects and adjusts for fog, glare, low light and rain to ensure capture of clear video evidence.

- Stream up to 4.0MP (2688 x 1520) at 25fps
- H.265 encoding for efficient storage & streaming
- Up to 30m infrared range; true day/night (auto ICR)
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- AI weather and anti-flicker scene self-adaption
- Smart Motion Detection (SMD 4.0) for person detection (up to 12m) and vehicle detection (up to 18m)
- 3D digital noise reduction & auto white balance
- IP67 weather rated & IK10 vandal rated housing



Record 4.0MP in Real Time (25fps)

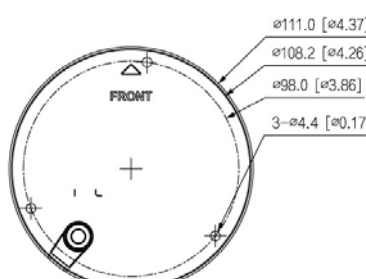
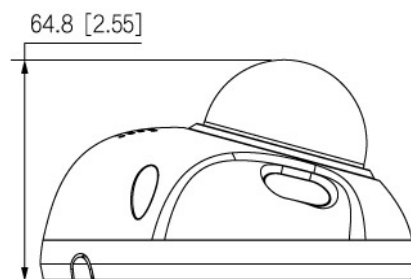


AI Human & Vehicle Detection



AI Adapts Scene for Best Picture

Specifications		4.0MP Fixed AI Wedge Dome
Ordering Information		VSIPP-4DIRF-12
Camera	Image Sensor	1/3" 4.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)
	RAM / ROM	512MB / 128MB
	Min Illumination	0.005 Lux/F1.4 (Color)
	S/N Ratio	>56 dB
	Infrared System	2 x Infrared LEDs, 30m range, Auto/manual on/off control
Lens	Lens / Iris	2.8mm F1.4 Fixed Focal Lens with Fixed Iris
	Field of View	Horizontal: 102°, Vertical: 54°, Diagonal: 121°
	Focus	Auto Focus / 0.9m Min. Focus Distance
DORI	Detect	64m
	Observe	25m
	Recognise	13m
	Identify	6 m
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)
	Frame Rate	Main 4.0MP (1 ~ 25fps)
		Sub D1 (1 ~ 25fps)
		Third 1080p (1 ~ 25fps)
	Video Compression	H.265 / H.264 / H.264H / H.264B / MJPEG
	Bit Rate	H.265: 3 ~ 8192Kbps / H.264: 3 ~ 8192Kbps
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)
	Day/Night	Auto (ICR) / Color / B&W
	Lighting Compensation	BLC / HLC / WDR (120dB) / AI SSA
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom
	Gain Control	Auto
IVS	Noise Reduction	3D DNR
	Picture Control	0°/90°/180°/270° (support 90°/270° with 4.0MP resolution and lower)
	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared
	AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules
	Intelligent Search	Search people or vehicle detection events (SMD 4.0, 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	Multicast
	Max. User Access	20 Users
Interface	Video Interface	N/A
	Audio Interface	1 input (RCA Port) / 1 output (RAC Port) / Built-in Mic / Audio Compression - G.711a; G.711Mu; G.726; PCM
	Alarm Interface	1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC
	Edge Storage	MicroSD Card (up to 256GB) / NAS / FTP / SFTP
	Interoperability	ONVIF (Profile S/Profile G) / CGI / P2P / Milestone / Genetec
Environmental	Power Supply	12VDC / PoE (802.3af)
	Power Consumption	<7.2W
	Operating Conditions	-40°C ~ +60°C / ≤95% RH
	Ingress Protection	IP67
	Vandal Resistance	IK10
	Housing	Metal
	Pan/Tilt/Rotation	Pan: -0° ~ 355°, Tilt: 20° ~ 70°, Rotation: 0° ~ 355°
	Dimensions	Ø111.0mm x 64.8mm
Net Weight		0.423kg



Application		Junction Box	Wall Mount
VSBKTA136			VSBKTB205W-E
		Pole Mount	
		VSBKTB205W-E + VSBKTA152E	VSBKTA136 + VSBKTA152E
			VSBKTA109 + VSBKTB220C +

Your local VIP Vision™ IP solutions professional: