

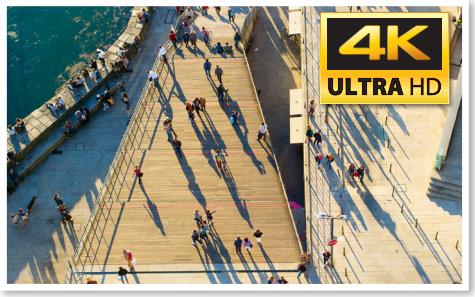
Active Online SECURITY

Camera & security light in one.

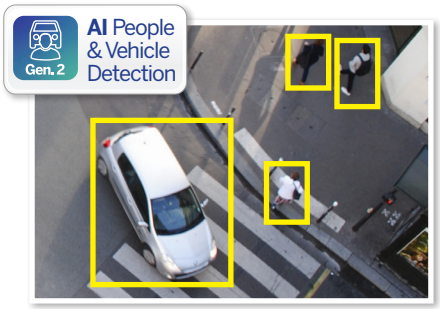
Professional AI Series: Fixed lens AI turret domes in 4.0MP, 6.0MP & 8.0MP

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.

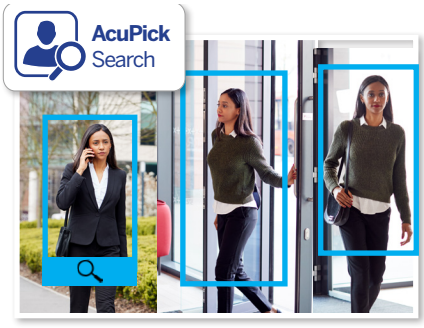
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 50m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265 encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
- 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



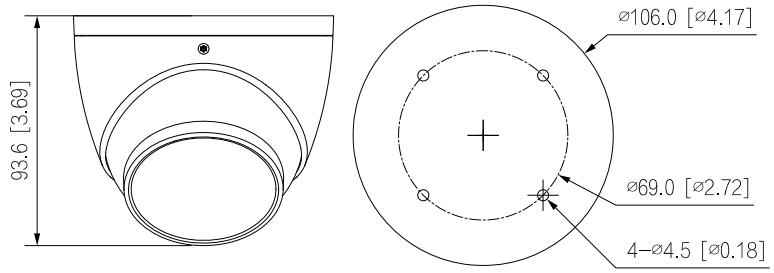
AI Human & Vehicle Detection



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 × 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; G726; PCM; G.723		
	Alarm Interface		N/A		
	RS485		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: <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

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