

Active Online SECURITY

Camera & security light in one.

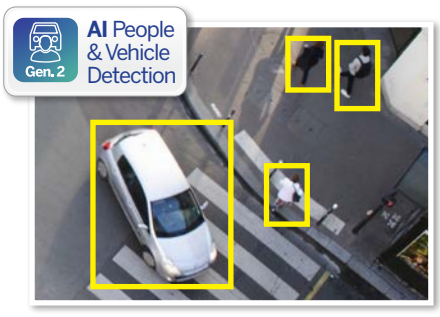
Professional AI Series: Fixed lens AI vandal dome in 4.0MP, 6.0MP & 8.0MP

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.

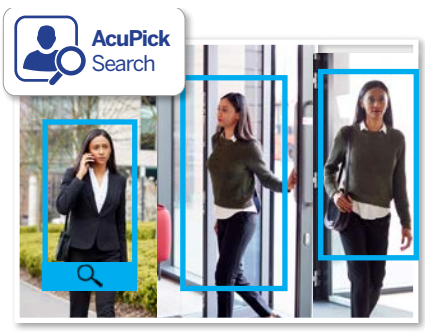
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 40m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 512GB
- 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



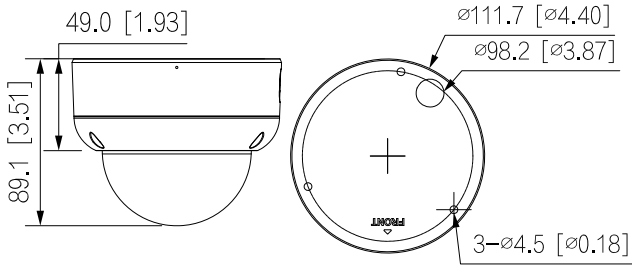
AI Human & Vehicle Detection



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) × 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)	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		
	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)		
IVS	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		
	Interoperability		ONVIF / P2P / CGI		
Environmental	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
VSBKTA136	VSBKTA109 + VSBKTB220C	VSBKTB203W

Pole Mount	Corner Mount
VSBKTB203W + VSBKTA152E	VSBKTA109 + VSBKTB305W + VSBKTA151

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