

- Security Light
- AcuPick search
- AI Scene Adaptive
- AI People & Vehicle Detection Gen.2

- 8.0**  
MEGAPIXEL
- 6.0**  
MEGAPIXEL
- 4.0**  
MEGAPIXEL



# 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.

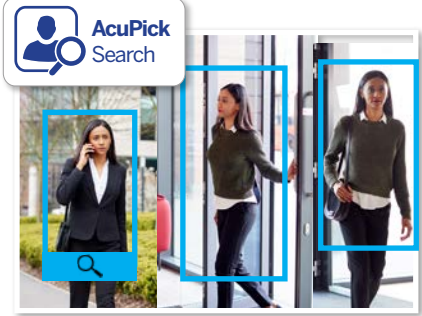
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 50m infrared range; true day/night (auto ICR)
- Intelligent search across all Acupick cameras
- Warm LED light triggers on person/vehicle detection
- H.265 encoding for efficient storage & streaming
- Back/highlight compensation & true WDR (120dB)
-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



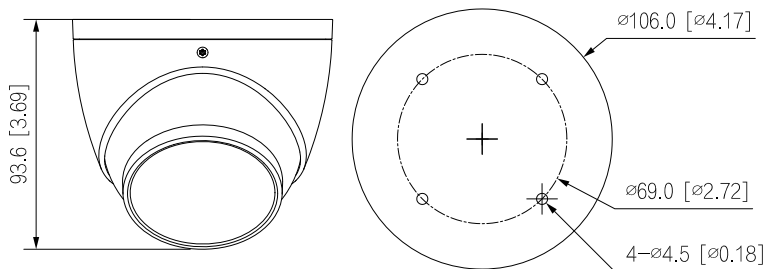
**AI Human & Vehicle Detection**



**Intelligent people & vehicle search**

Specifications	4.0MP Fixed AI Turret Dome	6.0MP Fixed AI Turret Dome	8.0MP Fixed AI Turret Dome
<b>Ordering Information</b>	<b>VSIPP-4DIRG-I3</b>	<b>VSIPP-6DIRG-I3</b>	<b>VSIPP-8DIRG-I3</b>
<b>Image Sensor</b>	1/2.9" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.7" 8.0MP Progressive Scan CMOS
<b>Effective Pixels</b>	2688 (H) x 1520 (V)	3288 (H) x 1850 (V)	3840 (H) x 2160 (V)
<b>RAM / ROM</b>	1 GB / 256MB		
<b>Min Illumination</b>	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)
<b>S/N Ratio</b>	>56dB		
<b>Illuminator</b>	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
<b>Lens / Iris</b>	2.8mm F1.4 Fixed Lens		
<b>Field of View</b>	Horizontal: 100°, Vertical: 56°, Diagonal: 117°	Horizontal: 110°, Vertical: 58°, Diagonal: 132°	Horizontal: 110°, Vertical: 58°
<b>Focus</b>	Auto Focus / 1.0m Min. Focus Distance	Auto Focus / 1.4m Min. Focus Distance	Fixed / 1.4m Min. Focus Distance
<b>DORI</b>			
<b>Detect (25px/m)</b>	62 m	85 m	85 m
<b>Observe (63px/m)</b>	25 m	34 m	34 m
<b>Recognise (125px/m)</b>	12 m	17 m	17 m
<b>Identify (250px/m)</b>	6 m	8 m	8 m
<b>Resolution</b>	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)
<b>Frame Rate</b>	<b>Main</b>	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 25fps)
	<b>Sub</b>		1080p (1 ~ 25fps)
	<b>Third</b>		1080p (1 ~ 25fps)
<b>Video Compression</b>	H.265 / H.264H / H.264 / H.264B / MJPEG / AI H.265; AI H.264		
<b>Bit Rate</b>	H.265: 3 ~ 16384Kbps / H.264: 3 ~ 16384Kbps		
<b>Bit Rate Control</b>	Constant bit rate (CBR) / Variable bit rate (VBR)		
<b>Day/Night</b>	Auto (ICR) / Color / B&W		
<b>Lighting Compensation</b>	BLC / HLC / WDR (120dB) / AI SSA		
<b>White Balance</b>	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
<b>Gain Control</b>	Auto		
<b>Noise Reduction</b>	3D DNR		
<b>Picture Control</b>	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° with 4.0MP resolution and lower)		
<b>Video Functions</b>	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 zones), Smart Infrared		
<b>AI Functions</b>	<b>Smart Motion Detection (SMD 4.0):</b> People and vehicle detection using motion detection <b>Perimeter Protection:</b> People and vehicle detection using tripwire or intrusion rules <b>Acupick:</b> Search by people/vehicle attribute (e.g colour) and track their movements		
<b>Intelligent search</b>	Search people or vehicle detection events (SMD 4.0, Perimeter Protection)		
<b>Network</b>			
<b>Ethernet</b>	RJ-45 (10/100 Base-T)		
<b>Protocol</b>	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		
<b>Streaming Method</b>	Multicast		
<b>Max. User Access</b>	20 Users (Total bandwidth: 64MB)		
<b>Audio Interface</b>	Built-in Mic / Audio Compression - G.711a; G.711Mu; G726; PCM; G.723		
<b>Alarm Interface</b>	N/A		
<b>RS485</b>	N/A		
<b>Edge Storage</b>	MicroSD Card (up to 512GB) / NAS / FTP / SFTP		
<b>Interoperability</b>	ONVIF / P2P / CGI		
<b>Power Supply</b>	12VDC / PoE (802.3af)		
<b>Power Consumption</b>	Max: <7.1W (12VDC), 9.2W (PoE)	Max: <7.4W (12VDC), 9.5W (PoE)	Max: <7.4W (12VDC), 9.5W (PoE)
<b>Operating Conditions</b>	-40°C ~ +60°C / ≤95% RH		
<b>Ingress Protection</b>	IP67		
<b>Housing</b>	Metal		
<b>Pan/Tilt/Rotation</b>	Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotation: 0° ~ 360°		
<b>Dimensions</b>	Ø94mm x 106mm		
<b>Net Weight</b>	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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