



People
Counting



Complete 360° AI coverage.

Fisheye AI Series: 360° Fisheye IP Camera with AI people counting in 5.0MP

The Fisheye AI Series 360° dome performs the duties of multiple cameras, with the powerful benefit of AI-powered people counting and heat mapping functions. Receive real-time alerts when a certain number of people enter an area with AI people & area counting or set up heat map to observe the amount of time people spend in areas.

- Stream up to 5.0MP (2592 x 1944) at 25fps
- Circular fisheye lens with 360° viewing angle
- Dewarp modes* for ceiling, floor & wall mounting
- Virtual PTZ, panorama, & camera split dewarp modes
- Up to 10m infrared range; true day/night (auto ICR)
- AI-enhanced people counting/tracking for real-time alerts, statistics and business analytics
- Heat map, queue management & regions of interest
- IVS functionality including tripwire, intrusion & more
- MicroSD card slot for edge recording up to 256GB



Record Beyond Double Full HD



Fisheye Image Dewarp Modes



AI-Enhanced People Counting

Specifications		5.0MP 360° Fisheye with AI People Counting	
Model	Product Image		
	Ordering Information	VSIPFE-SIR-I	
Camera	Image Sensor	1/2.7" 5.0MP Progressive Scan CMOS	
	Effective Pixels	2592 (H) x 1944 (V)	
	RAM / ROM	512GB / 128GB	
	Min Illumination	0.006 Lux/F2.0	
	S/N Ratio	>56dB	
	Infrared System	3 x Infrared LED, 10m range	
Lens	Lens / Iris	1.4mm F2.0 Fixed Focal Lens with Fixed Iris	
	Field of View	Horizontal: 180°, Vertical: 180°	
	Focus	0.2m Min. Focus Distance	
	DORI	Detect (25px/m): 28m / Observe (63px/m): 11.2m / Recognise (125px/m): 5.6m / Identify (250px/m): 2.8m	
Video	Resolution	5.0MP (2592 x 1944) to CIF (352 x 288)	
	Frame Rate	Main	5.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)
		Third	720p (1 ~ 25fps)
	Video Compression	H.265+, H.265, H.264+, H.264, H.264H, H.264B, MJPEG	
	Bit Rate	H264: 3Kbps-8192Kbps; H265: 3Kbps-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)	
	Smart Scene Adaptive	Yes	
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom	
	Gain Control	Auto / Manual	
	Noise Reduction	3D DNR	
	Dewarping Modes	Original (no dewarp) / Panoramic / Double Panoramic / Virtual PTZ / Original + 3 split, + 4 split, + 8 split Check the Supported NVR specification to see if Fisheye Dewarping is supported by that NVR model	
IVS	Intelligent Functions	Intrusion, Tripwire, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones) Smart Infrared, Heat Map	
	People Counting	Area People Counting (Number of people, People quantity thresholds, 4 zones), Heat Mapping (Number of people and time spent)	
Network	Ethernet	RJ-45 (10/100Base-T)	
	Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; SNMP	
	Streaming Method	Unicast / Multicast	
	Max. User Access	20 Users (Total bandwidth: 64M)	
Interface	Video Interface	N/A	
	Audio Interface	1 Channel Input (RCA), 1 Built-in Mic / 1 Channel Output / Audio Compression: PCM, G.711A, G.711Mu, G726, AAC	
	Alarm Interface	1 Channel Input (5mA 3VDC ~ 5VDC) / 1 Channel Output (300mA 12VDC)	
	RS485	N/A	
	Edge Storage	MicroSD Card (up to 256GB) / FTP / SFTP / NAS	
	Interoperability	ONVIF (Profile S / Profile G / Profile T), CGI, Milestone, Genetec, P2P	
Environmental	Power Supply	12VDC / PoE	
	Power Consumption	<3.6W (12VDC) / <4.4W (PoE) / <8.8W (Max.)	
	Operating Conditions	-10°C to +50°C, ≤95% RH	
	Ingress Protection	N/A	
	Vandal Resistance	N/A	
	Housing	Metal + Plastic	
	Pan/Tilt/Rotation	N/A	
	Dimensions	Ø126.2mm x 44.6mm	
Net Weight	0.3kg		

