



Multiple cameras all-in-one.

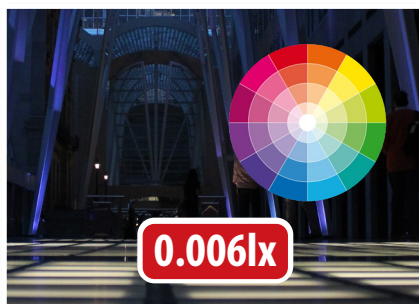
Fisheye Series: 360° view, panoramic fisheye domes available in 5.0MP

Designed to perform the duties of multiple cameras, the Fisheye series transforms your surveillance experience. This compact camera grants the benefit of 360° field of view, with infrared range and IVS functions.

- Stream up to 5.0MP (2592 x 1944) at 25ps
 - Circular fisheye lens with 360° viewing angle
 - Multiple dewarp modes* for ceiling & wall mounting
 - Up to 10m Infrared range; true day/night (auto ICR)
 - IVS functions, including heat map & motion detection
 - H.265+ encoding for efficient storage & streaming
 - True WDR (120dB) & back/highlight compensation
 - MicroSD card slot for edge recording up to 128GB
 - Power via 12VDC or PoE ; ONVIF, API & CGI compliance
- * *Fisheye dewarp compatible with select NVRs only*



Fisheye Image Dewarp Modes



Superb Low Light Performance



Intelligent Video Functions

Specifications		5.0MP Panoramic Fisheye Dome		
Ordering Information		VSIPFE-51R		
Camera	Image Sensor	1/2.7" 5.0MP Progressive Scan CMOS		
	Effective Pixels	2592 (H) x 1944 (V)		
	RAM / ROM	512MB / 32MB		
	Min. Illumination	Colour: 0.006 Lux (F2.0, 1/3s), 0.02 Lux (F2.0, 1/30s), 0 Lux (F2.0, IR on)		
	S/N Ratio	N/A		
	Infrared System	3 x Infrared LED, 10m range, Auto/Manual on/off control		
Lens	Lens / Iris	1.4mm F2.0 Fixed Circular Fisheye Lens		
	Field of View	Horizontal: 180°, Vertical: 180°		
	Focus	Fixed		
DORI	Detect (25px/m)	28m		
	Observe (63px/m)	11m		
	Recognise (125px/m)	6m		
	Identify (250px/m)	3m		
Resolution		5.0MP (2582 x 1944) to CIF (352 x 288)		
Frame Rate	Main	5.0MP (1~25fps)		
	Sub	D1 (1 ~ 25fps)		
	Third	D1 (1 ~ 10fps)		
Video Compression		H.265+ / H.265 / H.264+ / H.264 / H.264H / MJPEG (Sub Stream)		
Bit Rate		H.265: 3 ~ 4096Kbps / H.264: 3 ~ 4096Kbps		
Bit Rate Control		Constant bit rate (CBR) / Variable bit rate (VBR)		
Day/Night		Auto (ICR) / Color / B&W		
Lighting Compensation		BLC / HLC / True WDR (120dB)		
White Balance		Auto / Natural / Street Lamp / Outdoor / Manual		
Gain Control		Auto / Manual		
Noise Reduction		3D DNR		
Dewarping Modes		Multiple Dewarped Modes		
IVS	Intelligent Functions			Tripwire, Intrusion, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Heat Map
	Ethernet			RJ-45 (100/1000Base-T)
	Protocol			HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; SNMP; QoS; UPnP; NTP; RTMP
	Streaming Method			Unicast / Multicast
Max. User Access		10 / 20 Users		
Interface	Video Interface			N/A
	Audio Interface			1 Input, 1 Output, 1 Built-in Mic / Compression: G.711a/G.711Mu/PCM
	Alarm Interface			1 Input (5mA 5VDC), 1 Output (300mA 12VDC)
	RS485			N/A
	Edge Storage			MicroSD Card (up to 128GB) / NAS / Local PC
	Interoperability			ONVIF / API / CGI
Power Supply		12VDC / PoE (802.3af)		
Power Consumption		12VDC: <2.7W (<8.2W IR On) / PoE: <3.3W (<10.1W IR On)		
Operating Conditions		-10° ~ +50° C / Less than 95% RH		
Ingress Protection		N/A		
Vandal Resistance		N/A		
Housing		Metal + Plastic		
Pan/Tilt/Rotation		N/A		
Dimensions		Ø126.2mm x 44.7mm		
Net Weight		0.28kg		

Fisheye Dome Installation

Application	Diagrams Mounting Options				
			Ceiling Mount	Wall Mount	Pole Mount
			VSBKTB110W (*Special Order)	VSBKTB203W	VSBKTB203W + VSBKTA152E

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