



# Every application sorted.

## Professional Series: Motorised lens domes available in 4.0MP & 8.0MP

The versatile dome camera that can fit any application. Each dome in this series features an array of tools to perform in just about any environment, with a vandal & weather rated housing, infrared, remote zoom control & more.

- Stream up to Ultra HD 8.0MP (3840 x 2160) at 25fps
- H.265 encoding for efficient storage & streaming
- Up to 30m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Tripwire and intrusion video analytics (8.0MP only)
- Easy field of view adjustment with motorised lens
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67/IK10 weather/vandal rated dome housing
- Great low light colour performance (8.0MP only)



Record at 4K/Ultra HD Resolution



Edge Recording via MicroSD



Weather & Vandal Resistant

Specifications		4.0MP Motorised Dome				8.0MP Motorised Dome		
Camera	Ordering Information	VSIP4MPVDIRMD: Standard				VSIP8MPVDIRMD: Standard		
	Image Sensor	1/3" 4.0MP Progressive Scan CMOS				1/2" 8.0MP Progressive Scan CMOS		
	Effective Pixels	2688 (H) x 1520 (V)				3840 (H) x 2160 (V)		
	RAM / ROM	512MB / 32MB				512MB / 128MB		
	Min Illumination	0.03 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)				0.004 Lux/F1.9 (Color), 0 Lux/F1.9 (IR on)		
Lens	S/N Ratio	> 45dB				> 50dB		
	Infrared System	2 x Infrared LED, 30m range, Auto/manual on/off control						
	Lens / Iris	2.7 ~ 13.5mm F1.4 Motorised Varifocal Lens with Fixed Iris				3.7 ~ 11mm F1.4 Motorised Varifocal Lens with Fixed Iris		
DORI	Field of View	Horizontal: 104~28°, Vertical: 55°~16° (5x Optical Zoom)				Horizontal: 112~46°, Vertical: 60°~26° (3x Optical Zoom)		
	Focus	Auto Focus / 0.2m Min. Focus Distance						
	Detect (25px/m)	64m (wide) / 222m (tele)				83m (wide) / 190m (tele)		
	Observe (63px/m)	26m (wide) / 89m (tele)				33m (wide) / 76m (tele)		
	Recognise (125px/m)	13m (wide) / 44m (tele)				17m (wide) / 38m (tele)		
Video	Identify (250px/m)	6m (wide) / 22m (tele)				8m (wide) / 19m (tele)		
	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)				8.0MP (3840 x 2160) to CIF (352 x 288)		
	Frame Rate	Main	4.0MP (1 ~ 20fps) / 2.0MP (1 ~ 25fps)				8.0MP (1 ~ 25fps)	
		Sub	D1 (1 ~ 25fps)					
		Third	N/A					
	Video Compression	H.265+ / H.265 / H.264+ / H.264				H.265+ / H.265 / H.264+ / H.264 / MJPEG		
	Bit Rate	H.265: 12 ~ 8448Kbps / H.264: 32 ~ 10240Kbps				H.265: 32 ~ 8192Kbps / H.264: 16 ~ 8192Kbps		
	Bite Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)						
	Day/Night	Auto (ICR) / Color / B&W						
	Lighting Compensation	BLC / HLC / WDR (120dB)						
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual							
Gain Control	Auto / Manual							
Noise Reduction	3D DNR							
Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) (VSIP8MPVDIRMD: Resolution must be at 4.0MP or lower for corridor mode)							
IVS	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared				Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Tripwire, Intrusion		
	Network	RJ-45 (10/100Base-T)						
Network	Ethernet	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP						
	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPV4/V6; QoS; UPnP; NTP; Bonjour; IEEE 802.1X; Multicast; ICMP; IGMP; TLS; NFS; SSH						
	Streaming Method	Unicast / Multicast						
Interface	Max. User Access	10 Users / 20 Users						
	Video Interface	N/A						
	Audio Interface	N/A						
	Alarm Interface	N/A						
	RS485	N/A						
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC						
	Interoperability	ONVIF / PSIA / CGI						
Environmental	Power Supply	12VDC / PoE (802.3af) (Class 0)						
	Power Consumption	<8.5W				<10.9W		
	Operating Conditions	-30° ~ +60° C / Less than 95% RH						
	Ingress Protection	IP67						
	Vandal Resistance	IK10						
	Housing	Metal & Polycarbonate Dome						
	Pan/Tilt/Rotation	Pan: 0° ~ 355°; Tilt: 0° ~ 70°; Rotation: 0° ~ 355°						
Application	Dimensions	Ø122mm x 89mm						
	Net Weight	0.40kg				0.49kg		
	Mounting Options							
	Junction Box VSBKTA137	In-Ceiling Mount VSBKTB200C	Right Angle Wall Mount VSBKTB203W	Ceiling Extension VSBKTA106 + VSBKTB220C	Right Angle Wall Mount VSBKTA106 + VSBKTB305W	Wall Mount Rain Shield VSBKTA200W	Pole Mount VSBKTA152 + VSBKTB203W	

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