



# 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 15fps
- H.265 encoding for efficient storage & streaming
- Up to 40m infrared range; true day/night (auto ICR)
- Tripwire and intrusion intelligent video analytics
- Excellent low light colour performance
- Easy field of view adjustment with motorised lens
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- IP67/IK10 weather/vandal rated dome housing
- Audio input/output and alarm input/output



Stream up to 4K Ultra HD Quality



Weather & Vandal Resistance



Intelligent Video Functions

Specifications		4.0MP Motorised Dome	8.0MP Motorised Dome	
<b>Ordering Information</b>		<b>VSIPP-4DIRMD</b>		
<b>Ordering Information</b>		<b>VSIPP-8DIRMD</b>		
<b>Camera</b>	Image Sensor	1/3" 4.0MP Progressive Scan CMOS	1/2.7" 8.0MP Progressive Scan CMOS	
	Effective Pixels	2688 (H) x 1520 (V)	3840 (H) x 2160 (V)	
	RAM / ROM	128MB / 128MB	256MB / 128MB	
	Min Illumination	0.008 Lux/F1.5 (Color)		
	Infrared System	2 x Infrared LED, 40m range, Auto/manual on/off control		
<b>Lens</b>	Lens / Iris	2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris		
	Field of View	Horizontal: 104~27°, Vertical: 55°~15° (5x Optical Zoom)	Horizontal: 113~31°, Vertical: 58°~17°	
	Focus	Auto Focus / 0.8m Min. Focus Distance		
<b>DORI</b>	Detect (25px/m)	64m (wide) / 220m (tele)	85.3m (wide) / 280m (tele)	
	Observe (63px/m)	26m (wide) / 88m (tele)	34.1m (wide) / 112m (tele)	
	Recognise (125px/m)	13m (wide) / 44m (tele)	17m (wide) / 56m (tele)	
	Identify (250px/m)	6m (wide) / 22m (tele)	8.5m (wide) / 28m (tele)	
<b>Video</b>	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 ~ 15fps) / 4.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)	
		Third	N/A	
	Video Compression	H.265+ / H.265 / H.264+ / H.264 / H.264B / MJPEG		
	Bit Rate	H.265: 12 ~ 6144Kbps / H.264: 32 ~ 6144Kbps	H.265: 12 ~ 8192Kbps / H.264: 32 ~ 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)		
	Smart Scene Adaptive	N/A		
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°) (Resolution must be at 4.0MP or lower for corridor mode)			
<b>IVS</b>	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Tripwire, Intrusion		
	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; Bonjour		
<b>Network</b>	Streaming Method	Unicast / Multicast		
	Max. User Access	20 Users		
	Video Interface	N/A		
	Audio Interface	1 input (RCA Port) / 1 output (RCA Port) / Audio Compression - G.711a; G.711Mu; G.726; AAC		
<b>Interface</b>	Alarm Interface	1 channel in: 5mA 5VDC / 1 channel out: 300mA 12VDC		
	RS485	N/A		
	Edge Storage	MicroSD Card (up to 256GB) / NAS / FTP / SFTP		
	Interoperability	ONVIF (Profile S / Profile G / profile T) / P2P / CGI / Milestone / Genetec		
	Power Supply	12VDC / PoE (802.3af)		
<b>Environmental</b>	Power Consumption	<6.5W	<7.4W	
	Operating Conditions	-30° ~ +60° C / ≤95% RH		
	Ingress Protection	IP67		
	Vandal Resistance	IK10		
	Housing	Metal		
	Pan/Tilt/Rotation	Pan: 0° ~ 355°; Tilt: 0° ~ 75°; Rotation: 0° ~ 355°	Pan: 0° ~ 355°; Tilt: 0° ~ 67°; Rotation: 0° ~ 355°	
	Dimensions	Ø122mm x 89mm		
Net Weight	0.47kg			

### Application

Application Diagram	Junction Box		Weather Shield	Wall Mount		Corner Mount
		VSBKTA137	VSBKTA123	VSBKTA137 + VSBKTA200W	VSBKTB203W	VSBKTA106 + VSBKTB305W
Application Diagram	Pole Mount			Ceiling Mount		
	VSBKTA106 + VSBKTB305W + VSBKTA150	VSBKTA137 + VSBKTA152E	VSBKTB203W + VSBKTA152E	VSBKTA123 + VSBKTA152E	VSBKTB200C	VSBKTA106 + VSBKTB220C (+ VSBKTA117 extension)

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