



# Every application sorted.

## Professional Series: Motorised lens domes available in 2.0MP & 4.0MP

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 4.0MP (2688 x 1520, 16:9 ratio) at 20fps
- Motorised lens & fixed iris for up to 4x optical zoom
- 30m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67/IK10 weather/vandal rated dome housing
- ONVIF, PSIA and CGI compliance



True Wide Dynamic Range



Double Full HD Resolution



Vandal & Weather Resistant

Series Specifications

Model		VSIP2MPVDIRM2.8-12	VSIP4MPVDIRM2.8-12		
Camera	Image Sensor	1/3" 2.0MP Progressive Scan CMOS	1/3" 4.0MP Progressive Scan Exmor CMOS		
	Effective Pixels	1920 (H) x 1080 (V)	2688 (H) x 1520 (V)		
	RAM / ROM	256M / 16MB			
	Min Illumination	0.1 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)			
	S/N Ratio	> 50dB			
Lens	Infrared System	2 x Infrared LED, 30m range, Auto/manual on/off control			
	Lens / Iris	2.8 ~ 12mm F1.4 Motorised Varifocal Lens with Fixed Iris			
	Field of View	Horizontal: 99°~37°, Vertical: 52°~21° (4x Optical Zoom)	Horizontal: 100°~35°, Vertical: 54°~20° (4x Optical Zoom)		
Focus		Auto Focus / 0.3m Focus Distance			
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	4.0MP (2688 x 1520) to CIF (352 x 288)		
	Frame Rate	Main	1080p (1 ~ 25fps)	4.0MP (1 ~ 20fps) / 2.0MP (1 ~ 25fps)	
		Sub	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)	
		Third	N/A	N/A	
	Video Compression	H.264+ / H.264			
	Bit Rate	H.264: 24 ~ 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)			
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual			
Gain Control	Auto / Manual				
Noise Reduction	3D DNR				
Picture Control	Mirror / Flip (0°, 90°, 180°, 270°)				
IVS	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared			
	Ethernet	RJ-45 (10/100Base-T)			
Network	Protocol	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			
	Streaming Method	Unicast / Multicast			
	Max. User Access	10 Users / 20 Users			
Interface	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	<10W			
	Operating Conditions	-30° ~ +60° C / Less than 95% RH			
	Ingress Protection	IP67			
	Vandal Resistance	IK10			
	Housing	Metal, Polycarbonate			
	Pan/Tilt/Rotation	Pan: 0° ~ 355° ; Tilt: 0° ~ 75° ; Rotation: 0° ~ 355°			
Dimensions	Ø122mm x 89mm				
Net Weight	0.40kg				
Application	Diagrams				
	Accessories				
	Models	Junction Box (VSBKTA137)	In-Ceiling Mount (VSBKTB200C)	Wall Mount (VSBKTB203W)	Pole Mount (VSBKTA152 + VSBKTB203W)