

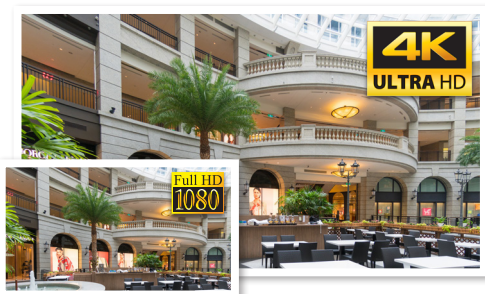


# Unrivalled image clarity.

## Ultimate Series: Motorised lens domes available in 6.0MP & 8.0MP

Experience Ultra HD quality surveillance with the Ultimate series. Enjoy crystal clear images up to 4K/Ultra HD with a flat glass lens cover, plus the convenience of a motorised varifocal lens for remote zoom adjustments.

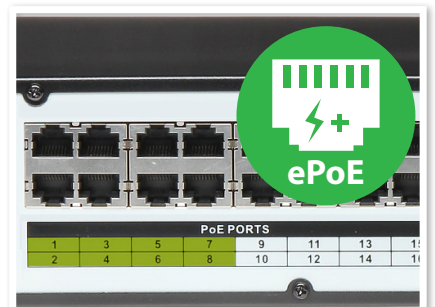
- Stream up to 4K/8.0MP (3840 x 2160) at 15fps
- Flat lens window for less distortion & more detail
- H.265 encoding for efficient storage & streaming
- 50m infrared range; true day/night (auto ICR)
- Built-in microphone and microSD slot up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated full metal dome housing
- Extend PoE up to 800m (*requires ePoE NVR/switch*)
- ONVIF PSIA and CGI compliance



Record at 4K/Ultra HD Resolution



Edge Recording via MicroSD



Extended PoE Compatibility

Specifications		6.0MP Motorised Dome	8.0MP Motorised Dome			
Camera	Ordering Information	VSIPE6MPVDIRMG: Standard	VSIPE8MPVDIRMG: Standard			
	Image Sensor	1/2.9" 6.0MP Progressive Scan CMOS	1/2.5" 8.0MP Progressive Scan CMOS			
	Effective Pixels	3072 (H) x 2048 (V)	3840 (H) x 2160 (V)			
	RAM / ROM	512MB / 32MB				
	Min Illumination	0.03 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)	0.05 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)			
	S/N Ratio	> 50dB				
Lens	Infrared System	2 x Infrared LED, 50m range, Auto/manual on/off control				
	Lens / Iris	2.7 ~ 13.5mm F1.4 Motorised Varifocal Lens with Auto Iris	2.7 ~ 12mm F1.4 Motorised Varifocal Lens with Auto Iris			
	Field of View	Horizontal: 91°~27°, Vertical: 58°~18° (5x Optical Zoom)	Horizontal: 110°~40°, Vertical: 58°~23° (4x Optical Zoom)			
	Focus	Auto Focus / 0.2m Min. Focus Distance	Auto Focus / 0.3m Min. Focus Distance			
DORI	Detect (25px/m)	79m (wide) / 256m (tele)	85m (wide) / 228m (tele)			
	Observe (63px/m)	32m (wide) / 102m (tele)	34m (wide) / 91m (tele)			
	Recognise (125px/m)	16m (wide) / 51m (tele)	17m (wide) / 46m (tele)			
	Identify (250px/m)	8m (wide) / 25m (tele)	8.5m (wide) / 23m (tele)			
	Resolution	6.0MP (3072 x 2048) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)			
Video	Frame Rate	Main	6.0MP (1 ~ 20fps) / 4.0MP (1 ~ 25fps)			
		Sub	D1 (1 ~ 25fps)			
		Third	720p (1 ~ 25fps)			
Video Compression	H.265 / H.264					
Bit Rate	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240Kbps					
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°) (Resolution must be at 4.0MP or lower for corridor mode)					
Network	Intelligent Functions	Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared				
	Ethernet Protocol	RJ-45 (10/100 Base-T)				
Interface	Streaming Method	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				
	Max. User Access	Unicast / Multicast				
	Video Interface	10 Users / 20 Users				
Environmental	Audio Interface	N/A				
	Alarm Interface	Built-in Microphone / Compression: G.711a, G.711Mu, AAC, G.726				
	RS485	N/A				
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC				
	Interoperability	ONVIF / PSIA / CGI				
Application	Power Supply	12VDC / PoE (802.3af) (Class 0)				
	Power Consumption	<8.5W				
	Operating Conditions	-30° ~ +60° C / Less than 95% RH				
	Ingress Protection	IP67				
	Vandal Resistance	N/A				
	Housing	Metal				
	Pan/Tilt/Rotation	Pan: 0° ~ 360°; Tilt: 0° ~ 78°; Rotation: 0° ~ 360°				
Dimensions	Ø122mm x 104mm					
Net Weight	0.60kg					
Mounting Options						
	Junction Box	Right Angle Wall Mount	Right Angle Wall Mount	Ceiling Extension	Wall Mount Rain Shield	Pole Mount
	VSBKTA137	VSBKTA106 + VSBKTB305W	VSBKTB203W	VSBKTA106 + VSBKTB220C	VSBKTA200W	VSBKTA152 + VSBKTB203W

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