



# Ultimate performance.

Ultimate Series: 8.0MP motorised domes available in standard or zoom lens

Experience the best in surveillance with the Ultimate Series. Each dome offers the best in resolution and image quality, with the tools to deliver excellent video evidence in even the most challenging lighting conditions.

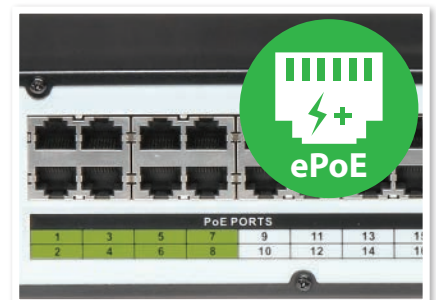
- Stream up to Ultra HD 8.0MP (3840 x 2160) at 15fps
- 7~35mm zoom lens model identifies faces from 76m
- H.265 encoding for efficient storage & streaming
- Up to 100m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- Alarm and audio interface; tester video output
- Metal IP67/IK10 weather/vandal rated housing
- Extended PoE up to 800m (*requires ePoE NVR/switch*)



Record at 4K / Ultra HD Quality



Exceptional Camera Functionality



Extended PoE Compatibility

Specifications		8.0MP Motorised Dome		8.0MP Motorised Dome (Zoom Lens)			
Ordering Information		VSIPE8MPVDIRM: 2.7 ~ 12mm Lens VSIPE8MPVDIRMH: 2.7 ~ 12mm Lens, Built-in Heater		VSIPE8MPVDIRM-Z: 7~35mm Lens			
Camera	Image Sensor	1/2.5" 8.0MP Progressive Scan CMOS					
	Effective Pixels	3840 (H) x 2160 (V)					
	RAM / ROM	512MB / 32MB					
	Min Illumination	0.05 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)					
	S/N Ratio	> 50dB					
Lens	Infrared System	3 x Infrared LED, 50m range, Auto/manual on/off control		3 x Infrared LED, 100m range, Auto/manual on/off control			
	Lens / Iris	2.7 ~ 12mm F1.4 Motorised Varifocal Lens with Auto Iris		7 ~ 35mm F1.4 Motorised Varifocal Lens with Auto Iris			
	Field of View	Horizontal: 110°~40°, Vertical: 58°~23° (4x Optical Zoom)		Horizontal: 38°~14°, Vertical: 22°~8° (5x Optical Zoom)			
DORI	Focus	Auto Focus / 0.3m Min. Focus Distance		Auto Focus / 0.6m Min. Focus Distance			
	Detect (25px/m)	85m (wide) / 228m (tele)		234m (wide) / 765m (tele)			
	Observe (63px/m)	34m (wide) / 91m (tele)		94m (wide) / 306m (tele)			
	Recognise (125px/m)	17m (wide) / 46m (tele)		47m (wide) / 153m (tele)			
	Identify (250px/m)	8.5m (wide) / 23m (tele)		23m (wide) / 76m (tele)			
Video	Resolution	8.0MP (3840 x 2160) to CIF (352 x 288)					
	Frame Rate	Main	8.0MP (1 ~ 15fps) / 3.0MP (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					
IVS	Noise Reduction	3D DNR					
	Picture Control	Mirror / Flip (0°, 90°, 180°, 270°)					
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	RJ-45 (10/100 Base-T)					
	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					
Interface	Max. User Access	10 Users / 20 Users					
	Video Interface	Video Tester Composite Output					
	Audio Interface	1 Input, 1 Output / Compression: G.711a, G.711mu, AAC, G.726					
	Alarm Interface	1 Input / 1 Output					
	RS485	N/A					
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC					
	Interoperability	ONVIF / PSIA / CGI					
Environmental	Power Supply	12VDC / PoE+ (802.3at) (Class 4)					
	Power Consumption	<15W					
	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° ~ 65°; Rotation: 0° ~ 355°					
Application	Dimensions	Ø159mm x 118mm					
	Net Weight	0.96kg					
	Mounting Options						
	Junction Box VSBKTA138	In-Ceiling Mount VSBKTB201C	Rain Shield VSBKTB210W	Ceiling Extension VSBKTB300C + VSBKTA101	Wall Mount VSBKTB302S + VSBKTA101	Pole Mount VSBKTB302S + VSB- KTA101 + VSBKTA150	Corner Mount VSBKTB302S + VSB- KTA151 + VSBKTA101

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