



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.

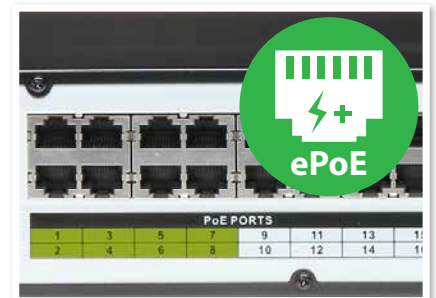
- Stream up to Ultra HD 8.0MP (3840 x 2160) at 15fps
- 7~35mm zoom lens model identifies faces from 76m
- H.265 encoding for efficient storage & streaming
- Up to 100m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (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						
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	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)				
	Focus	Auto Focus / 0.3m Min. Focus Distance		Auto Focus / 0.6m Min. Focus Distance				
DORI	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)				
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						
Noise Reduction		3D DNR						
Picture Control		Mirror / Flip (0°, 90°, 180°, 270°) (Resolution must be at 4.0MP or lower for corridor mode)						
IVS	Intelligent Functions	Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared						
Network	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						
	Max. User Access	10 Users / 20 Users						
Interface	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°						
Dimensions		Ø159mm x 118mm						
Net Weight		0.96kg						
Application	Mounting Options							
		Junction Box	In-Ceiling Mount	Rain Shield	Ceiling Extension	Wall Mount	Pole Mount	Corner Mount
		VSBKTA138	VSBKTB201C	VSBKTB210W	VSBKTB300C + VSBKTA101	VSBKTB302S + VSBKTA101	VSBKTB302S + VSBKTA101 + VSBKTA150	VSBKTB302S + VSBKTA151 + VSBKTA101

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