



# Compact size, big potential.

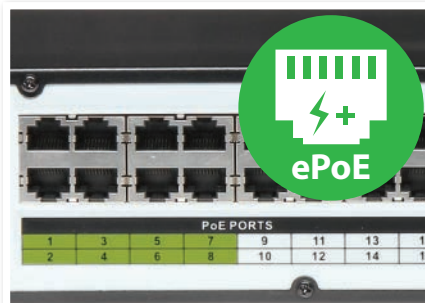
Professional Series: Fixed lens domes available in 2.0MP, 4.0MP, 6.0MP & 8.0MP

Fixed lens turret style domes that deliver excellent general purpose surveillance indoors and out. Their tri-axis adjustable design enables perfectly framed scenes every time, including in corridor surveillance applications.

- Stream up to 4K/8.0MP (3840 x 2160) at 15fps
- H.265 encoding for efficient storage & streaming
- 50m infrared range; true day/night (auto ICR)
- Built in microphone and microSD slot up to 128GB
- Virtual tripwire, area intrusion, face detection & more
- Range of fixed focal lengths to suit any application
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated metal housing for outdoor use
- Extend PoE up to 800m (*requires ePoE NVR/switch*)



Record at and Beyond Ultra HD



Extended PoE Compatibility



Edge Recording via MicroSD

Specifications		2.0MP Fixed Mini Domes	4.0MP Fixed Mini Domes	6.0MP Fixed Mini Domes	8.0MP Fixed Mini Domes	
<b>Ordering Information</b>		<b>CAM439:</b> 2.8mm Lens <b>CAM407:</b> 3.6mm Lens	<b>CAM652:</b> 2.8mm Lens <b>CAM651:</b> 3.6mm Lens	<b>CAM441:</b> 2.8mm Lens <b>CAM440:</b> 3.6mm Lens	<b>CAM442:</b> 2.8mm Lens	
<b>Camera</b>	Image Sensor	1/2.8" 2.0MP Progressive Scan CMOS	1/3" 4.0MP Progressive Scan CMOS	1/2.9" 6.0MP Progressive Scan CMOS	1/2.5" 8.0MP Progressive Scan CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	2688 (H) x 1520 (V)	3072 (H) x 2048 (V)	3840 (H) x 2160 (V)	
	RAM / ROM	256MB / 32MB	512MB / 32MB	512MB / 32MB	512MB / 32MB	
	Min Illumination	0.007 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0.06 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0.04 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0.06 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on)	
	S/N Ratio	> 50dB				
<b>Infrared System</b>		1 x Infrared LED, 50m range, Auto/manual on/off control				
<b>Lens</b>	Lens / Iris	2.8mm F1.6 Fixed Lens / 3.6mm F1.6 Fixed Lens				
	Field of View	2.8mm: H: 104°, V: 57° / 3.6mm: H: 87°, V: 48°	2.8mm: H: 104°, V: 57° / 3.6mm: H: 87°, V: 48°	2.8mm: H: 98°, V: 67° / 3.6mm: H: 69°, V: 48°	2.8mm: H: 112°, V: 69°	
	Focus	Fixed				
<b>DORI</b>	Detect (25px/m)	2.8mm: 43m / 3.6mm: 55m	2.8mm: 56m / 3.6mm: 80m	2.8mm: 69m / 3.6mm: 89m	2.8mm: 69m	
	Observe (63px/m)	2.8mm: 17m / 3.6mm: 22m	2.8mm: 22m / 3.6mm: 32m	2.8mm: 28m / 3.6mm: 36m	2.8mm: 28m	
	Recognise (125px/m)	2.8mm: 9m / 3.6mm: 11m	2.8mm: 11m / 3.6mm: 16m	2.8mm: 14m / 3.6mm: 18m	2.8mm: 14m	
	Identify (250px/m)	2.8mm: 4m / 3.6mm: 6m	2.8mm: 6m / 3.6mm: 8m	2.8mm: 7m / 3.6mm: 9m	2.8mm: 7m	
<b>Video</b>	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3072 x 2048) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)	4.0MP (1 ~ 25fps)	6.0MP (1 ~ 20fps) / 4.0MP (1 ~ 25fps)	8.0MP (1 ~ 15fps) / 3.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 50fps)	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)	720p (1 ~ 25fps)	1080p (1 ~ 25fps)	1080p (1 ~ 25fps)
	Video Compression	H.265+ / H.265 / H.264+ / 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°)					
<b>IVS</b>	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 (10/100Base-T)				
<b>Network</b>	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				
<b>Interface</b>	Video Interface	N/A				
	Audio Interface	Built-in Microphone / Compression: G.711a, G.711mu, AAC, G.726				
	Alarm Interface	N/A				
	RS485	N/A				
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC				
	Interoperability	ONVIF / PSIA / CGI				
<b>Environmental</b>	Power Supply	12VDC / PoE (802.3af) (Class 0)				
	Power Consumption	<5.2W	<5.5W	<6W	<6W	
	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	Ø106mm x 94mm				
<b>Application</b>	Net Weight	0.47kg				
	Mounting Options					
		Junction Box	Wall Mount	Ceiling Extension	Pole Mount	Corner Mount
		VSBKTA139 or VSBKTA130E	VSBKTB204W	VSBKTA106 + VSBKTB220C	VSBKTB204W + VSBKTA152E	VSBKTA139 + VSBKTA151

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