Watchguard™



Every application sorted.

Compact Series: Motorised varifocal bullets & domes available in 4.0MP

The Watchguard™ Compact Series boasts impressive performance at an affordable price point, delivering high image quality at a smooth framerate, intelligent video functions and the convenience of Power over Ethernet installation.

- Stream up to 4.0MP (2560 x 1440) at 20fps
- 2.8~12mm motorised varifocal lens (94°~33°)
- Up to 60m infrared range; true day/night (auto ICR)
- H.265 encoding for efficient storage & streaming
- 3D digital noise reduction & auto white balance
- Motion & face detection, region of interest and more
- Power via 12VDC or Power over Ethernet (802.3af)
- IP67 weather rated metal housing *(IK10 dome)*



Double Full HD Resolution



Power over Ethernet



Edge Recording via MicroSD

	Specifications		4.0MP Motorised Bullet	4.0MP Motorised Dome	4.0MP Motorised Dome
	Product Image				
	Ordering Information		**VSIPC-4BIRMG:** Standard	**VSIPC-4DIRMD:** Standard	**VSIPC-4DIRMG:** Standard
Camera	Image Sensor		1/3" 4.0MP Progressive Scan CMOS		
	Effective Pixels		2560 (H) x 1440 (V)		
	RAM / ROM		256MB / 16MB		
	Min Illumination		0.05 Lux/F1.8 (Color), 0 Lux/F1.8 (IR on)		
	S/N Ratio		> 50dB		
	Infrared System		4 x Infrared LED, 60m range, Auto/manual on/off control	2 x Infrared LED, 30m range, Auto/manual on/off control	2 x Infrared LED, 50m range, Auto/manual on/off control
Lens	Lens / Iris		2.8mm~12mm F1.8 Motorised Varifocal Lens		
	Field of View		Horizontal: 94°~33°, Vertical: 51°~19° (4x Optical Zoom)		
	Focus		Fixed		
DORI	Detect (25px/m)		66m (wide) / 200m (tele)		
	Observe (63px/m)		26m (wide) / 80m (tele)		
	Recognise (125px/m)		13m (wide) / 40m (tele)		
	Identify (250px/m)		7m (wide) / 20m (tele)		
Video	Resolution		4.0MP (2560 x 1440) to CIF (352 x 288)		
	Frame Rate	Main	4.0MP (1 ~ 20fps)		
		Sub	D1 (1 ~ 25fps)		
		Third	N/A		
	Video Compression		H.265+ / H.265 / H.264+ / H.264 / MJPEG		
	Bit Rate		H.265: 6 ~ 6144Kbps / H.264: 16 ~ 6144Kbps		
	Bit Rate Control		Constant bit rate (CBR) / Variable bit rate (VBR)		
	Day/Night		Auto (ICR) / Color / B&W		
	Lighting Compensation		BLC / HLC / Digital WDR		
	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		
Network	Ethernet		RJ-45 (10/100Base-T)		
	Protocol		HTTP; HTTPS; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPV4/V6; QoS; UPnP; NTP; Bonjour; IEEE 802.1X; Multicast; ICMP; IGMP; TLS; SSH		
	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 Profile S&G / API		
Environmental	Power Supply		12VDC / PoE (802.3af) (Class 0)		
	Power Consumption		<2.2W / 9.8W (IR On)	<2.2W / 6.5W (IR On)	<2.2W / 6.5W (IR On)
	Operating Conditions		-30° ~ +60° C / Less than 95% RH		
	Ingress Protection		IP67		
	Vandal Resistance		N/A	IK10	N/A
	Housing		Metal		
	Pan/Tilt/Rotation		Pan: 0° ~360 °; Tilt: 0° ~90°; Rotation: 0° ~360°		
	Dimensions		244mm x 79mm x 76mm	Ø122mm x 89mm	Ø122mm x 104mm
	Net Weight		0.84kg	0.45kg	0.60kg
Application	Mounting Options				   
			Junction Box	Pole Mount	Junction Box	Wall Mount	Pole Mount	Recessed Ceiling	Rain Shield
			VSBKTA130E	VSBKTA130E + VSBKTA152E	VSBKTA137	VSBKTA137 + VSBKTB203W	VSBKTA137 + VSBKTA152E	VSBKTB200C *(VSIPC-4DIRMD only)*	VSBKTA200W *(VSIPC-4DIRMD only)*

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