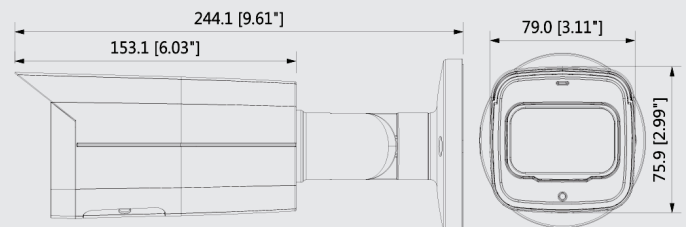




### FEATURES

- 1/2.5" 8Megapixel progressive scan STARVIS™ CMOS
- H. 265&H.264 triple-stream encoding
- 15fps@4K(3840×2160),25/30fps@3M(2304×1296)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm fixed lens (4mm optional)
- Max. IR LEDs Length 60m
- Micro SD Memory,IP67, IK10, PoE



## TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/2.5" 8Megapixel progressive scan CMOS			
	Effective Pixels	3840(H)x2160(V)			
	RAM/ROM	512MB/32MB			
	Scanning System	Progressive			
	Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
	Min. Illumination	0.06Lux/F1.6( Color,1/3s,30IRE) 0.3Lux/F1.6( Color,1/30s,30IRE) 0Lux/F1.6(IR on)			
	S/N Ratio	More than 50dB			
	IR Distance	Distance up to 60m (197ft)			
	IR On/Off Control	Auto / Manual			
	R LEDs	4			
Lens	Lens Type	Fixed			
	Mount Type	Board-in			
	Focal Length	2.8mm (4mm optional)			
	Max Aperture	F1.6 (F1.6)			
	Angle of View	H: 180°, V:44°			
	Focus Control	H:112° (88°), V:69° (48°)			
	DORI Distance	Lens	2.8 mm	4mm	
		Detect	69m(226ft)	89m(292ft)	
		Observe	28m(92ft)	36m(118ft)	
		Recognize	14m(46ft)	18m(59ft)	
Identify		7m(23ft)	9m(30ft)		
Pan/Tilt/Rotation Range	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°				
Intelligence	IVS	Tripwire, Intrusion, Object Abandoned/Missing			
	Advanced Intelligent Functions	Face Detection			
Video	Compression	H.265+/H.265/H.264+/H.264			
	Streaming Capability	3 Streams			
	Resolution	4K(3840×2160)/6M(3072×2048) /5M(2560×1920)/ 3M(2048×1536)/ 3M(2304×1296)/1080P(1920×1080)/ 1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480) /VGA(640×480)/ CIF(352×288/352×240)			
	Frame Rate	Main Stream:K(1~15fps)/3M(1~25/30fps) Sub Stream: D1(1~25/30fps) Third Stream: 1080P(1~25/30fps)			
	Bit Rate Control	CBR/VBR			
	Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps			
	Day/Night	Auto(ICR) / Color / B/W			
	BLC Mode	BLC / HLC / WDR(120dB)			
	White Balance	Auto/Natural/Street Lamp/ Outdoor/Manual			
	Gain Control	Auto/Manual			
	Noise Reduction	3D DNR			
	Motion Detetion	Off / On (4 Zone, Rectangle)			
	Region of Interest	Off / On (4 Zone)			
	Smart IR	Support			
	Digital Zoom	16x			
	Privacy Masking	0°/90°/180°/270°			
	Mirror	Off / On			
	Privacy Masking	Off / On (4 Area, Rectangle)			
	Audio	Compression	G.711a/G.711Mu/AAC/ G.726		
		Ethernet	RJ-45 (100/1000Base-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			
Interoperability		ONVIF, PSIA, CGI			
Streaming Method		Unicast / Multicast			
Max. User Access		10 Users/20 Users			
Edge Storage		NAS Local PC for instant recording Mirco SD card 128GB			
Web Viewer		IE, Chrome, Firefox, Safari			
Management Software		Smart PSS, DSS, Easy4ip			
Smart Phone		IOS, Android			
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B				
Interface	Audio Interface	1/1 channel In/Out			
	Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC			
Electrical	Power Supply	DC12V, PoE (802.3af)(Class 0)			
	Power Consumption	<11W			
Environmental	Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH			
	Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH			
	Ingress Protection	IP67			
	Vandal Resistance	IK10			
Construction	Casing	Metal			
	Dimensions	244.1mm×79mm×75.9mm (9.61"×3.11"×2.99")			
	Net Weight	0.815kg (1.80lb)			
	Gross Weight	1.08kg (2.38lb)			