KR-DN20iLB

2MP WDR IR Mini Bullet Network Camera

- 1/2.8" 2Megapixel Sony STARVIS™ CMOS
- H. 265+&H.264 triple-stream encoding
- 50/60fps@1080P(1920×1080)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: KBView, KBiVMS
- Max. IR LEDs Length 80m
- 3.6mm fixed lens
- Micro SD Memory, IP67, IK10, PoE, ePoE

1080p FULL HD | 1080P 50/60fps | H.265+ | WDR | Night Breaker | Temperature | IP67 | Vandal-proof

Technical Specification

Camera

Image Sensor	1/2.8" 2Megapixel Sony STARVIS™ CMOS
Effective Pixels	1920(H) x 1080(V)
RAM/ROM	256MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.009Lux/F1.6(Color,1/3s,30IRE) 0.07Lux/F1.6(Color,1/30s,30IRE) 0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 80m (262ft)
IR On/Off Control	Auto/ Manual
IR LEDs	4

Lens

Lens Type		Fixed			
Mount Type		Board-in			
Focal Length		3.6mm			
Max. Aperture		F1.6 (F1.6, F1.6, F1.6)			
Angle of View		H: 87° (52°, 41°, 26°), V: 46° (30°, 22°, 14°)			
Focus Control		Fixed			
Close Focus Distance		1.2m(2.4m, 4m, 8.6m)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6 mm	55m(180ft)	22m(72ft)	11m(36ft)	6m(20ft)
	6.0 mm	83m(289ft)	33m(108ft)	17m(56ft)	8m(26ft)
	8.0 mm	110m(361ft)	44m(144ft)	22m(62ft)	11m(36ft)
	12.0 mm	172m(564ft)	69m(226ft)	35m(115ft)	17m(56ft)

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	Pan:0˚~360˚; Tilt:0˚~90˚; Rotation:0˚~360˚

Intelligence

Event Trigger	Motion detection, Video tampering , Scene changing, Network disconnection , IP address conflict, Illegal Access,Storage anomaly
IVS	Tripwire, Intrusion, Object Abandoned/Missing
Advanced Intelligent Functions	Face Detection

Video

Compression	H.265+/H.265/H.264+/H.264
Smart Codec	Support H.265+/H.264+
Streaming Capability	3 Streams
Resolution	1080P(1920x1080)/1.3M(1280x960)/ 720P(1280×720)/D1(704×576/704×480)/ VGA(640×480)/CIF(352×288/352×240)
Frame Rate	Main Stream: 1080P (1~50/60fps)
	Sub Stream: D1(1~50/60fps)
	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)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	G.711a/ G.711Mu/ AAC/ G.726

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPs;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP; FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP; NTP;Bonjour;IEEE 802.1x;Multicast;ICMP;IGMP;S NMP;TLS
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	KBView, KBiVMS
Smart Phone	IOS, Android

Interface

Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS485	N/A
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC

Electrical

Power Supply	DC12V, PoE (802.3af)(Class 0), ePoE
Power Consumption	DC12V: 2.8W, 9.8W(IR On) PoE, ePoE: 3.4W, 12W(IR On)

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Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
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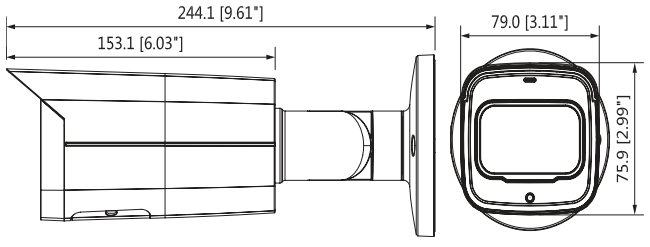
Ingress Protection	IP67
Vandal Resistance	IK10

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)

Dimensions (mm/inch)