

Network Fisheye

XNF-8010RVM

X Series 6 MP sensor 360° Mobile Fisheye

Key Features

- 2048 x 2048 resolution, 30fps
- Fisheye lens 1.6mm (192?X192?) W/ simple focus
- Built-in IR for up to 49? or 15m
- Triple Codec: H.265, H.264 and MJPEG multiple streaming
- WiseStream II compression technology
- WDR 120dB @30fps
- Loitering, directional detection, fog detection, tampering, Motion detection, object enter or exit an area
- Sound classification, heatmap, people counting and queue line management
- Dual SD card slots
- Power: PoE or 12VDC
- IP66 / IK10
- M12 connector for Mobile applications
- EN50155 certified

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Specifications

Video

Imaging Device	Size	1/1.8"
	Type	CMOS
Resolution		2048x2048, 2048x1536, 2048x1024, 2048x512, 1920x960, 1920x480, 1600x1200, 1280x1280, 1280x960, 1280x640, 1280x320, 1080x1080, 1024x768, 960x960, 800x600, 768x768, 720x720, 704x576, 704x352, 704x176, 640x640, 640x480, 640x320, 640x160, 480x480
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	15fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.1
	BW(1/30sec, 30IRE)	0.01
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle.

Lens

Focal Length (mm)		1.6
Max Aperture Ratio (F number)	Wide	1.6
Angular Field of View	Horizontal	192°
	Vertical	192°
	Diagonal	192°
Min. Object Distance		0.3
Focus Control		Simple focus

Operational

Day & Night		Auto(ICR)
Backlight Compensation		BLC, HLC, WDR, SSDR
Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNR V
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones

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Operational

Privacy Masking	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
Digital PTZ		Support
Video Rotation		Flip, Mirror
Alarm Interface	In/Out	Input 1ea, Output 1ea
Alarm Triggers		Analytics, Network disconnect, Alarm input
Alarm Events When Alarm Trigger Occurred		File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers,Alarm output
Audio In		Selectable(mic in/line in), Built-in mic
Audio Out		Line out
Light Type		IR LED
Light Viewable Length	IR	15m(49.21ft)
IR Wavelength		850nm

Analytics

Analytics Events	Normal	Motion detection, Tampering, Audio detection, Sound classification, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)
Business Intelligence	Normal	People counting, Queue management, Heatmap

Network

Ethernet		Metal shielded M12(10/100BASE-T)
Video Compression		H.265: Main, H.264: Main/Baseline/High,MJPEG
Audio Compression		G.711 u-law /G.726 selectable,G.726(ADPCM) 8kHz,G.711 8kHz, G.726: 16kbps,24kbps,32kbps,40kbps, AAC-LC: 48kbps at 16kHz
Smart Codec		Manual, WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Multicast	Support
	Multiple Streaming	Up to 10 profiles
Protocol		IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMPv2, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, SRTP(TCP, UDP Unicast), PPPoE, PIM-SM

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Network

Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		Optional (needs gateway)

Security

User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS
Access Control	IP-based access control
Data Protect	Encryption credentials
Audit	Access / System / Event Log management

General

Memory	RAM	1GB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 2slot(Total 512GB)

Environmental & Electrical

Operating Condition	Temperature	-40°C~+55°C(-40°F~+131°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE	Max 12.95W
	12VDC	Max 12W

Mechanical

Color	Ivory
Material	Aluminum
Product Dimensions	Ø146x65.8mm(Ø5.75x2.59")
Product Weight	790g(1.74 lb)

Certifications & Standards

Environment	IEC 60529 IP66, IEC 62262 IK10

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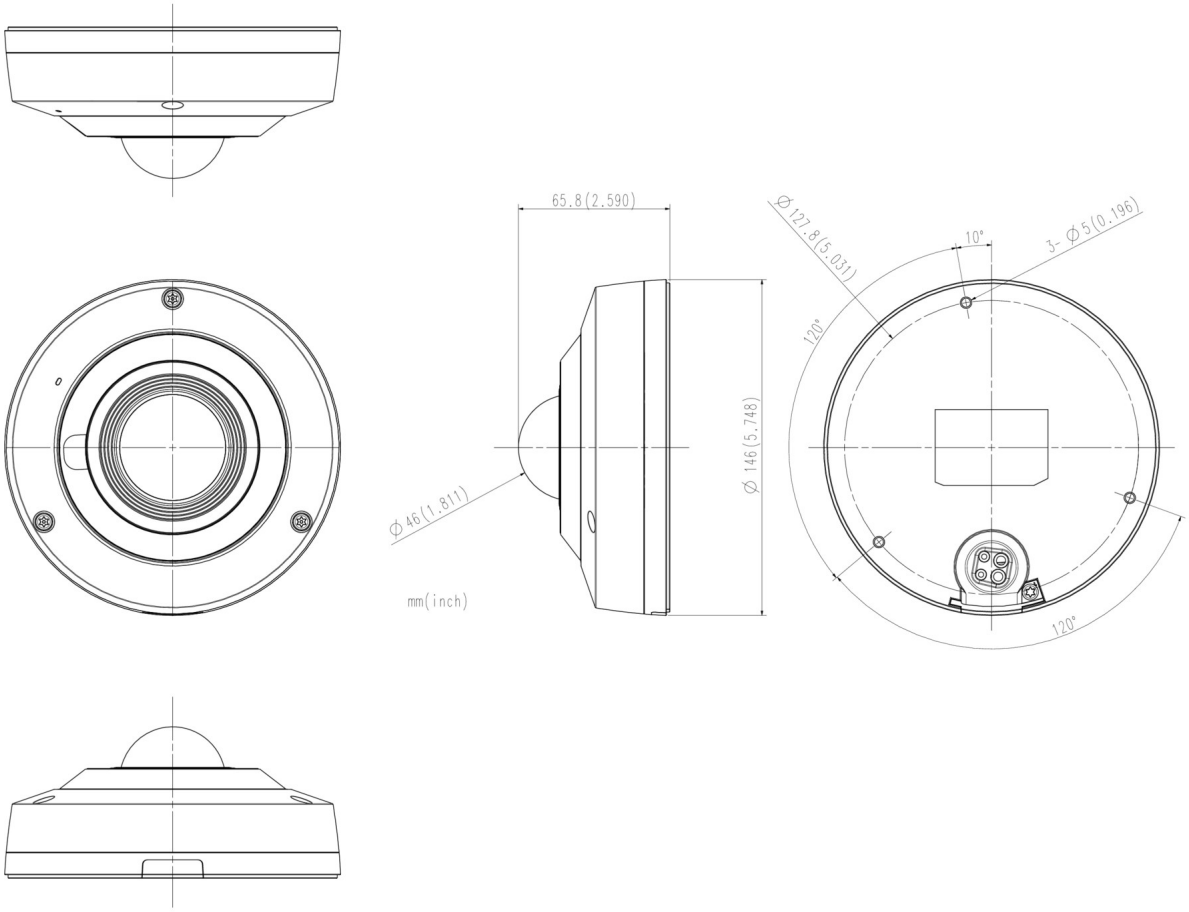
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CAD

Unit: mm [inch]



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