

Network Fisheye

XNF-9010RVM

12MP IR付 魚眼カメラ (車載対応)

Key Features

- 1/2.3" 12MP CMOSセンサー
- 1.08mm固定焦点ステレオグラフィックタイプレンズ
- 合焦位置が2カ所あるステレオグラフィックタイプレンズで、周辺領域の解像度が向上
- H.265、H.264、MJPEGWiseStreamII対応
- 魚眼モード、シングルパノラマ、ダブルパノラマ、クアッドビュー
- オンボードデラップ (ビューモード変換) 、デジタルPTZ
- エクストリームWDR (120dB)
- Wise IR、IR照射距離10m
- 仮想チャンネル対応
- プラグイン対応、選択可能なI/Oポート
- インテリジェント分析、ヒートマップ、人数カウント
- キュー管理
- ハードコーティングされたドームカバー
- モーション検知、ハンドオーバー、IP66/IK10/NEMA4X
- 車載対応可能なM12LANコネクター

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Specifications

映像

Imaging Device	サイズ	1/2.3"
	タイプ	CMOS
解像度		3584x2688, 3584x1792, 3584x896, 3008x3008, 1792x1344, 1504x1504, 1080x1080, 960x960, 768x768, 720x720, 640x640, 640x480, 640x320, 640x160, 480x480
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	30fps(@9MP Max. 5fps)
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.39
	BW(1/30sec, 30IRE)	0.039
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle.

レンズ

Focal Length (mm)		1.08
Max Aperture Ratio (F number)	Wide	2.2
視野角度	Horizontal	187°
	Vertical	187°
	Diagonal	187°
Min. Object Distance		0.5m(1.64ft)
Focus Control		シンプルフォーカス

技能

Day & Night		Auto(ICR)
Backlight Compensation		BLC, HLC , WDR, SSDR
Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNR V
モーション検知	Quantity	8ea
	Shape	8point Polygonal zones

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技能

Privacy Masking	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	灰色, 緑, Red, 青, 黒, 白, モザイク
ゲイン制御		オフ, 最大ゲイン, 手動
ホワイトバランス		ATW, NarrowATW, AWC, 手動, 室内, 屋外
LDC		Support(Fill/stretch mode)
Electronic Shutter	モード	最小, 最大, アンチフリッカー, Prefer shutter control
	Speed Range	2~1/12,000sec
ビデオ回転		FLIPモード, ミラー
Alarm Interface	In/Out	2 configurable I/O ports
Alarm Triggers		分析, ネットワーク切断, アラーム入力, アプリケーションイベント, タイムスケジュール, MQTT購読
Alarm Events When Alarm Trigger Occurred		File upload(image): e-mail/FTP/SFTP, File upload(video clip): FTP/SFTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers,アラーム出力, Handover: PTZ preset,send message by HTTP/HTTPS/TCP,Audio clip playback, MQTT: publication
オーディオ入力		Selectable(mic in/line in), Built-in MIC
オーディオ出力		Line out
Light Type		IR LED
Light Viewable Length	IR	WiseIR 10m(32.8ft)
IR Wavelength		850nm

分析

分析イベント	通常	焦点ぼけ検知, モーション検知, タンパリング, 音声検出, サウンド分類, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)
Business Intelligence	通常	人数カウント, キュー管理, ヒートマップ

ネットワーク

Ethernet		Metal shielded M12(10/100BASE-T)(through RJ45 to M12 cable)
映像圧縮		H.265/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		手動, WiseStream II
ビットレートコントロール		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	最大 20ユーザー
	マルチキャスト	サポート
	Multiple Streaming	最大 10プロファイル

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ネットワーク

プロトコル		IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SFTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT
Application Programming Interface	ONVIF	s, G, T
	その他	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		Optional (needs gateway)

セキュリティ

OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
ユーザー認証	ダイジェスト認証, Prevent brute-force attack
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)
Secure Communication	HTTPS, WSS(WebSocket Secure), SRTP
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
デバイスID	Device certificate(Hanwha Vision Root CA)
Secure Storage	HTPM(Hanwha Trusted Platform Module), SDcard partition encrypt(AES-256)
Security Certificate	TPM 2.0 with FIPS 140-2 level2

一般

メモリ	RAM	4GB
	フラッシュ	512MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 2slot(Total 512GB)

Environmental & Electrical

動作条件	温度	-40°C~+60°C(-40°F~+140°F)
	湿度	0~95% RH(non-condensing)
保管条件	温度	-50°C~+60°C(-58°F~+140°F)
	湿度	0~90% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
消費電力	PoE	Max 12.95W, typical 11W
	12VDC	Max 11W, typical 9.1W

Mechanical

カラー	白
材料	アルミニウム
RAL Code	RAL9003
Product Dimensions	ø160x72mm(ø6.30x2.83")
Product Weight	1100g(2.43 lb)

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Mechanical

Compatible Gang Box	シングル, Double, 4" Octagon, 正方形

Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, VCCI CISPR 32 Class A, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1, IEC 62471
環境	IEC/EN 63000, IEC 60529 IP66, IEC 62262 IK10, NEMA 250 type 4X, EN 50155

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	34.9m(114.49ft)
Observe (63PPM/ 19PPF)	Wide	13.9m(45.60ft)
Recognize (125PPM/ 38PPF)	Wide	7.0m(22.96ft)
Identify (250PPM/ 76PPF)	Wide	3.5m(11.48ft)

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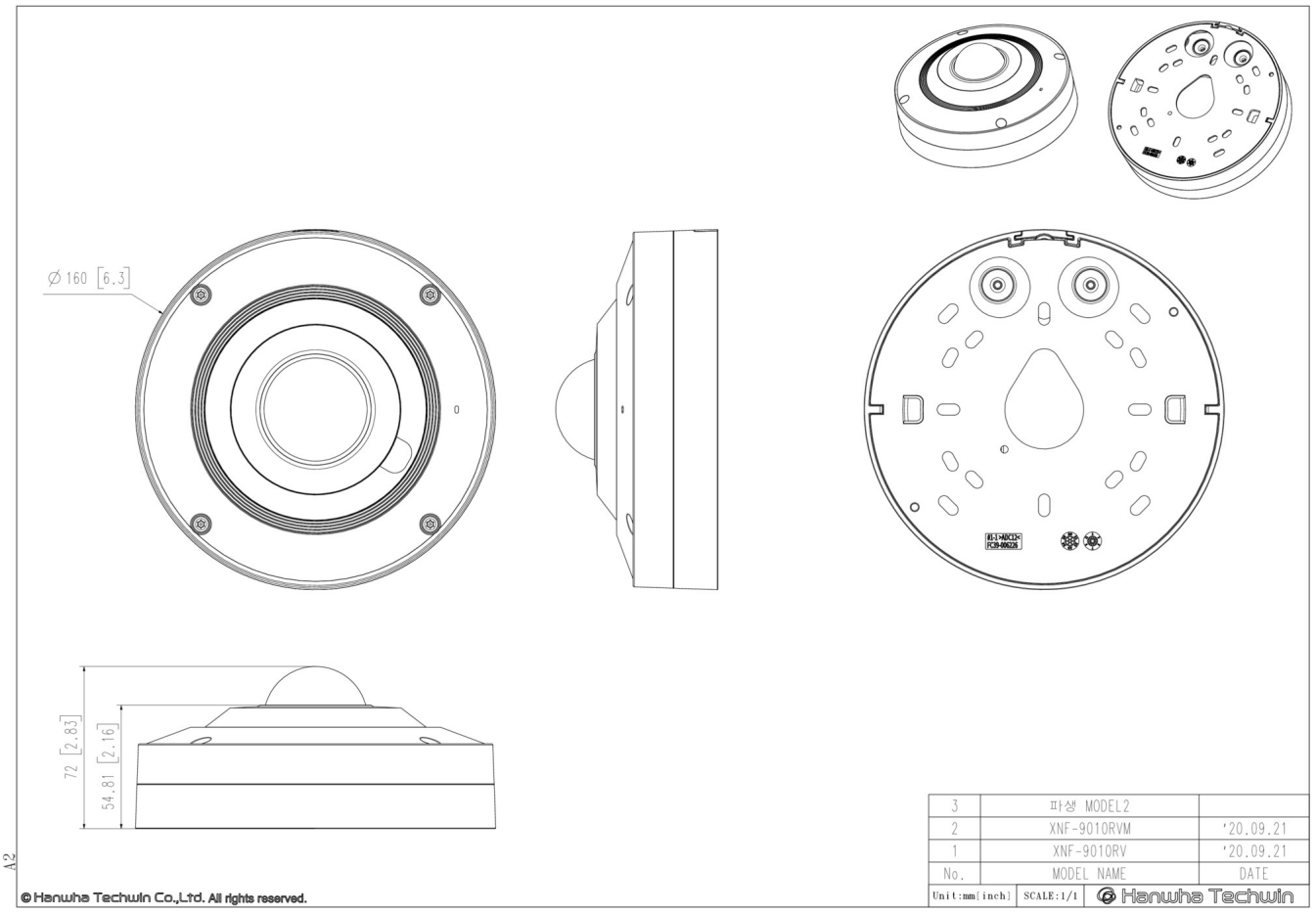
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CAD

Unit: mm [inch]



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Compatible Devices


XNF-9010RV


SBP-167HMW


SBP-300CMW


SBP-300WMW


SBP-300WMW1


SBP-390WMW2


SBP-300PMW1


SHD-1600FPW


SBP-300LMW


SBP-300KMW1


SBP-160TMW1


SBP-300NBW

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