

Network

TNV-C8011RW

5MP AI IR 壁掛けカメラ

Key Features

- AIエンジンに基づく分析イベント
- AIベースの徘徊検出とラインクロッシング検出
- 5MPワイドパノラマビュー (H: 175°) とアイレベルモニタリング
- 15m IR視認距離、25°チルトレンズ
- コンパクトサイズ
- WDR 120dB、SSNR、WiseNRII (AIエンジンに基づく)
- ビジネスインテリジェンス (人数カウント、車両カウント、キュー管理、ヒートマップ)
- WiseStreamIII (AIエンジンに基づく)
- 内蔵マイク
- IP66、IK10

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Specifications

映像

Imaging Device	サイズ	1/2.8"
	タイプ	CMOS
解像度		2592x1944, 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	30fps(@5MP Max. 5fps)
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.038
	BW(1/30sec, 30IRE)	0.0038
Video Out		USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle.

レンズ

Focal Length (mm)		1.6
Max Aperture Ratio (F number)	Wide	1.6
視野角度	Horizontal	175°
	Vertical	125°
	Diagonal	175°
Min. Object Distance		0.3m(0.98ft)
Focus Control		Fixed

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Tilt	-25°~+25°

技能

Day & Night		Auto(ICR)
Backlight Compensation		BLC, WDR, SSDR
Wide Dynamic Range (dB)		120
Digital Noise Reduction		WiseNR II (Based on AI engine), 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
	Dynamic Privacy Masking: Color / Option	モザイク
ゲイン制御		低, 中, 高
ホワイトバランス		ATW, AWC, 手動, 室内, 屋外
LDC		サポート
Electronic Shutter	モード	最小, 最大, アンチフリッカー, Prefer shutter control(Based on AI engine)
	Speed Range	1/5~1/25,000sec
ビデオ回転		FLIPモード, ミラー, Hallway view(90°/270°)
Alarm Triggers		分析, ネットワーク切断
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, Handover: PTZ preset,send message by HTTP/HTTPS/TCP
オーディオ入力		Built-in MIC
Light Type		IR LED
Light Viewable Length	IR	15m(49.21ft)
IR Wavelength		850nm

分析

Classified Object Type		人, 顔, 車両
属性	人	Upper/Lower clothes color
	車両	Type(car, bus, truck, motorcycle, bicycle), カラー
サムネイル		ベストショット
分析イベント	Based on AI Engine	対象物検知, 仮想線 (交差·方向) , 仮想領域 (ロータリング、侵入、Enter、Exit) , モーション検知
	通常	焦点ぼけ検知, タンパリング, 衝撃検知, Virtual area(Appear/Disappear)
Business Intelligence	Based on AI Engine	人数カウント, キュー管理, ヒートマップ, 車両カウント

ネットワーク

Ethernet	RJ-45(10/100BASE-T)
映像圧縮	H.265/H.264: Main/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, WiseStreamIII
ビットレートコントロール	H.265/H.264: CBR or VBR, MJPEG: VBR

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ネットワーク

Streaming	Unicast	最大 20ユーザー
	マルチキャスト	サポート
	Multiple Streaming	最大 5プロファイル
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, M
	その他	SUNAPI(HTTP API)

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	SDcard partition encrypt(AES-256)

一般

メモリ	RAM	2GB
	フラッシュ	1GB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 1slot

Environmental & Electrical

動作条件	温度	-30°C~+55°C(-22°F~+131°F)
	湿度	0~95% RH(non-condensing)
保管条件	温度	-30°C~+60°C(-22°F~+140°F)
	湿度	0~95% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3)
消費電力	PoE	Max. 11.5W, Typ 4.8W

Mechanical

カラー	白
材料	アルミニウム, Hard-coated dome
RAL Code	RAL9003
Product Dimensions	80(W)x167(H)x57(D)mm(3.15x6.56x2.24")
Product Weight	600g(1.32lb)

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Mechanical

Compatible Gang Box	シングル

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, VCCI CISPR 32 Class A, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835, IC Regulation ICES-003 Issue 7 Class A
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1
環境	IEC/EN 63000, IEC 60529 IP66, IEC 62262 IK10

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	30.05m(98.59ft)
Observe (63PPM/ 19PPF)	Wide	12.02m(39.44ft)
Recognize (125PPM/ 38PPF)	Wide	6.01m(19.72ft)
Identify (250PPM/ 76PPF)	Wide	3.00m(9.84ft)

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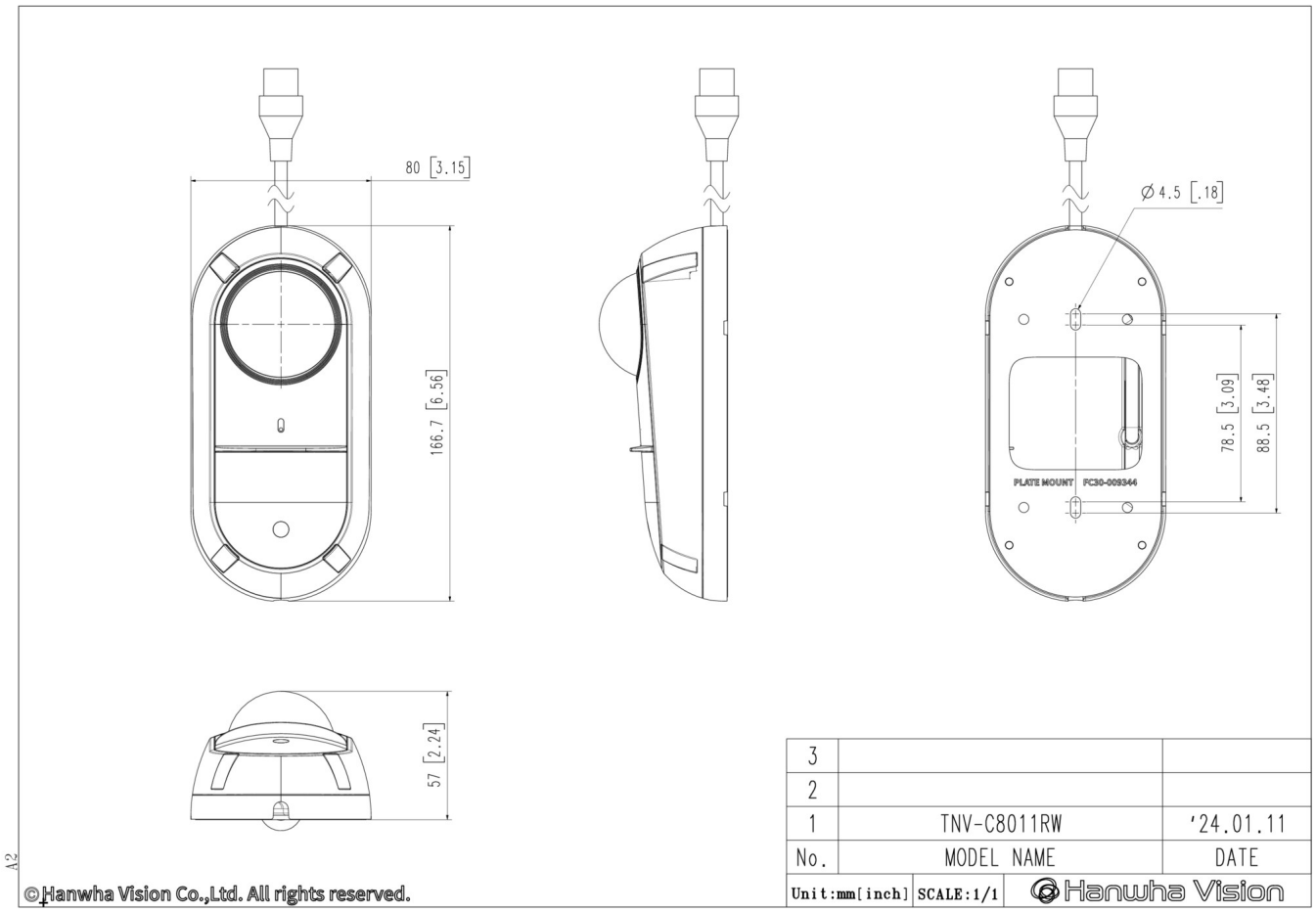
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CAD

Unit: mm [inch]



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