

Network Dome

TID-A800

5MP AIインターホン

Key Features

- 5 MP Image Resolution
- 1.93mm Focal Length
- Peak SPL 98dB Built-in Speaker
- IP66/67, IK10, NEMA4X Rated
- AIベースの分析 (属性およびBestShot対応)
- ビームフォーミングデュアルMIC
- エコーキャンセリングとノイズリダクション
- ピークSPL: 98dB@1m(DC12V), 92dB@1m(PoE)
  最大SPL: 84dB(DC12V), 81dB(PoE)@1m/1kHz
- 顔ズーム、DPM、類似検索
- SIP 2.0対応

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Specifications

映像

Imaging Device	サイズ	1/2.8"
	タイプ	CMOS
解像度		2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x960, 1280x720, 1024x768, 800x600, 640x480, 640x360, 320x240, 320x180
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	30fps(@5MP Max. 5fps)
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.15
	BW(1/30sec, 30IRE)	0.015

レンズ

Focal Length (mm)		1.93
Max Aperture Ratio (F number)	Wide	2.2
視野角度	Horizontal	163°
	Vertical	116°
	Diagonal	187°
Min. Object Distance		0.3m(0.98ft)

技能

Day & Night		Auto(Electrical)
Backlight Compensation		BLC, HLC , 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
Privacy Masking	Quantity	32ea
	Shape	8point Polygonal zones
	Color / Option	灰色, 緑, Red, 青, 黒, 白, モザイク
	Dynamic Privacy Masking: 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

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技能

ホワイトバランス		ATW, NarrowATW, AWC, 手動, 室内, 屋外
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	2~1/30,000sec
Face Zoom		Support
Alarm Interface	In/Out	Input 2ea / Output 1ea
	その他	Relay out, Support extra alarm I/O via optional I/O box
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, ケーステンパリング, デイ/ナイト, ストレージデバイスの停止, DTMF
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, SIP: call generation
オーディオストリーミング		Two-way/one-way selectable, 全二重, エコー キャンセレーション, ノイズ削減
オーディオ入力		Built-in MIC
オーディオ出力		内蔵スピーカ
Speaker	Max. Sound Pressure Level	Max SPL 84dB(DC12V), 81dB(PoE)@1m/1kHz Peak SPL 98dB@1m(DC12V), 92dB@1m(PoE)
	Frequency Range	550Hz-15.5kHz
	Sensitivity (dB @ 1 Watt)	81dB (1m, 1W, Peak level)
Light Type		Warm color

分析

Classified Object Type		人, 顔, 車両, ナンバープレート
属性	人	Upper/Lower clothes color, 性別, カバン
	車両	Type(car, bus, truck, motorcycle, bicycle), カラー
	顔	年齢, 性別, 顔マスク, メガネ
Similarity Search		Support
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, マスク検知
	通常	タンパリング, 音声検出, 衝撃検知
Business Intelligence	Based on AI Engine	人数カウント, 車両カウント

ネットワーク

Ethernet	Metal shielded RJ-45(10/100BASE-T)
映像圧縮	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711(PCM): 8kHz(64kbps), G.726(ADPCM): 8kHz(16/24/32/40kbps), AAC-LC: 16kHz(48kbps), OPUS: 16kHz(64kbps)

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ネットワーク

Smart codec		WiseStream(Based on AI engine)
ビットレートコントロール		H.265/H.264: CBR or VBR, MJPEG: 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 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, SMTP(StartTLS), SIP, Syslog
SIP support (VoIP, Peer-to-peer, SIP/PBX integration)		SIP 2.0(RFC 3261 and companion RFCs)
Application Programming Interface	ONVIF	s, G, T, M
	その他	SUNAPI(HTTP API), Hanwha Vision Open Platform

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, 802.1AE(MACsec)
Access Control	IP-based access control, MAC-based access control, 自動ログアウト
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), Secure element
Supply Chain Security	SBOM
Security Certificate	Secure element(FIPS 140-3 level3, CC EAL6+), ETSI EN 303 645

一般

SoC	Type	Wisenet 9
	Dual NPU	Support
メモリ	RAM	4GB
	フラッシュ	8GB eMMC
Edge Storage	Micro SD/SDHC/SDXC	Max. 1TB x 1slot

Environmental & Electrical

動作条件	温度	-40°C~+55°C(-40°F~+131°F)
	湿度	0~100% RH(condensing)
	その他	Start up should be done at above -30°C

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Environmental & Electrical

保管条件	温度	-50°C~+60°C(-58°F~+140°F)
	湿度	0~95% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
消費電力	PoE	Max 12.95W, typical 6.8W
	12VDC	Max 21.3W, typical 6.9W
	その他	12VDC power consumption includes 12VDC/550mA relay out.
WisePower		電力モニタリング
電源フェールオーバー		サポート

Mechanical

カラー	ダークグレー
材料	アルミニウム
RAL Code	RAL7022
Product Dimensions	49(W)x199(H)x56.6(D)mm(1.93x7.83x2.23")
Product Weight	541g(1.19lb)
状態LED	サポート

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 60529 IP67, IEC 62262 IK10, NEMA 250 type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	7.7m(25.1ft)
Observe (63PPM/ 19PPF)	Wide	3.1m(10.0ft)
Recognize (125PPM/ 38PPF)	Wide	1.5m(5.0ft)
Identify (250PPM/ 76PPF)	Wide	0.8m(2.5ft)

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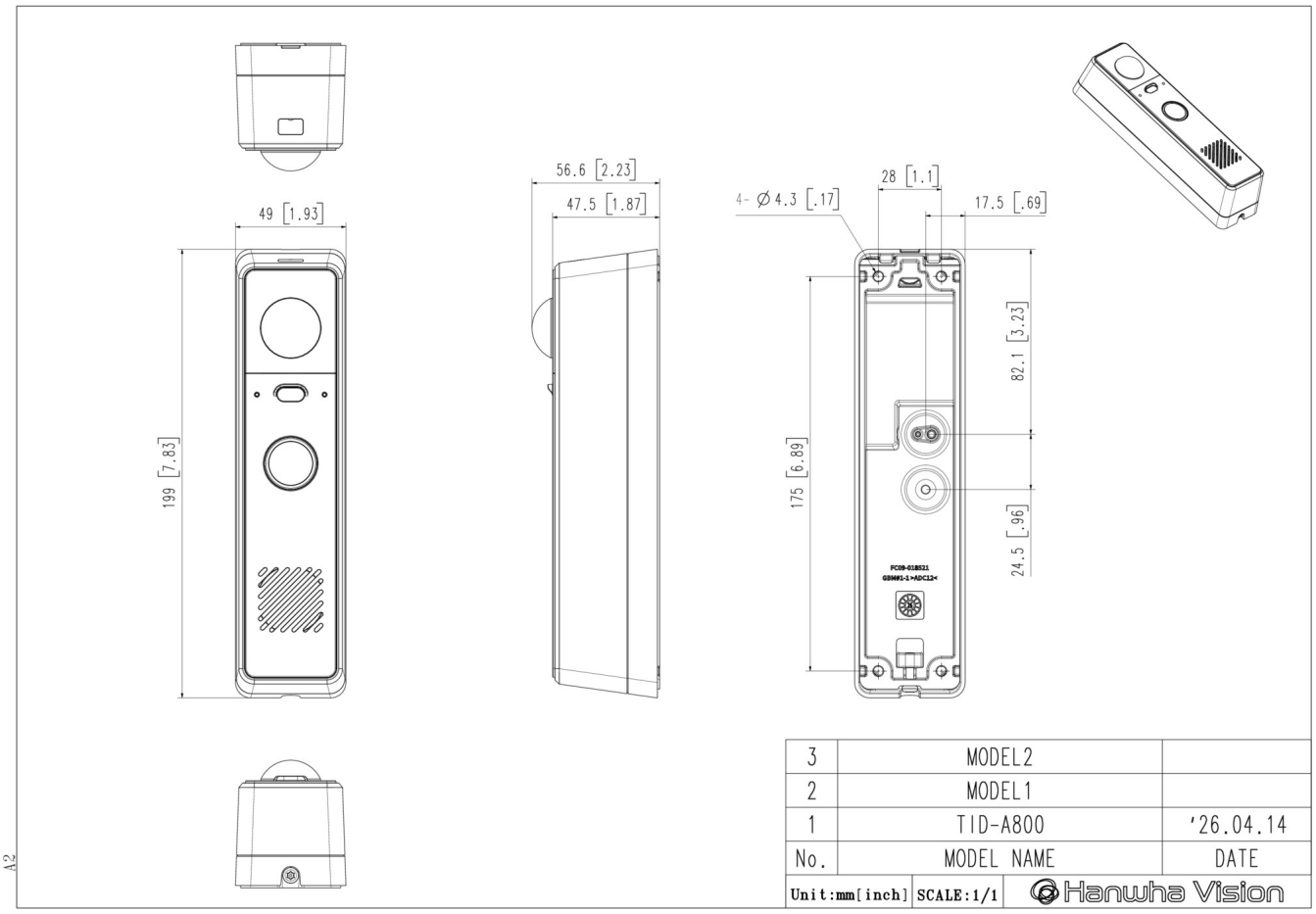
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CAD

Unit: mm [inch]



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Compatible Devices



SBC-1990W



SBS-1990B



SBS-1990TM



SHS-1990F

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