

Network

TID-600R

2MP Intercom

Key Features

- 1/2.8" 2MP sensor
- 1.6mm fixed lens : HFoV 180°, VFoV 114°
- IR viewable length 5m
- Built-in mic and speaker : 85dB speaker out at 0.5m
- Echo cancellation and noise reduction
- Touchless call, Built-in tamper switch
- SIP 2.0 support
- MicroSD 1slot, PoE/12VDC

Max. 550mA relay out with 2A 12VDC adapter

- IP65, IK08, NEMA4X

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Specifications

Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	60fps/50fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.018
	BW(1/30sec, 30IRE)	0.0018
Video Out		CVBS: 1.0 Vp-p / 75Ω composite for installation

Lens

Focal Length (mm)		1.6
Max Aperture Ratio (F number)	Wide	1.6
Angular Field of View	Horizontal	180°
	Vertical	114°
	Diagonal	180°
Min. Object Distance		0.3m(0.98ft)
Focus Control		Fixed

Operational

Day & Night		Auto(ICR)
Backlight Compensation		BLC, HLC, WDR, SSDR
Wide Dynamic Range (dB)		150
Digital Noise Reduction		SSNR V
Digital Image Stabilization		Support
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones

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Operational

Privacy Masking	Quantity	32ea
	Shape	Polygonal 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
Alarm Interface	In/Out	Input 2ea / Output 1ea
	Others	Relay out, Tampering switch, Touchless call
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, Handover: PTZ preset,Audio clip playback
Audio Streaming		Two-way/one-way selectable, Full duplex, Echo cancellation, Noise reduction
Audio In		Built-in mic
Audio Out		Built-in speaker
Light Type		IR LED
Light Viewable Length	IR	5m(16.40ft)
IR Wavelength		850nm

Analytics

Analytics Events	Normal	Motion detection, Tampering, Audio detection, Sound classification, Shock detection, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction)

Network

Ethernet		Metal shielded RJ-45(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,Opus 8/16kHz
Smart Codec		Manual, WiseStream II
Bitrate Control		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	Up to 20 users
	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, FTP, SMTP, ICMP, IGMPv2, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, SRTP(TCP, UDP Unicast), PPPoE, SIP 2.0(RFC 3261 and companion RFCs), PIM-SM

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Network

SIP support (VoIP, Peer-to-peer, SIP/PBX integration)		Tested with Cisco, Grandstream, Yealink VoIP phones and Asterisk PBX software
Application Programming Interface	ONVIF	S, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

Security

OS / Firmware Protect	Encrypted firmware
User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS
Access Control	IP-based access control
Audit	Access / System / Event Log management
Device ID	Device certificate(Hanwha Vision Root CA)
Secure Storage	SDcard partition encrypt(AES-256)

General

Memory	RAM	2GB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 1slot

Environmental & Electrical

Operating Condition	Temperature	-30°C~+55°C(-22°F~+131°F)
	Humidity	0~95% RH(non-condensing)
Storage Condition	Temperature	-50°C~+55°C(-58°F~+131°F)
	Humidity	0~95% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE	Max 12.95W, typical 9.1W
	12VDC	Max 17.7W, typical 7W

Mechanical

Color	Dark grey
Material	Aluminum
RAL Code	RAL7022
Product Dimensions	49(W)x165(H)x48(D)mm(1.93x6.50x1.89")
Product Weight	490g(1.08lb)

Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class 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
Environment	IEC 62262 IK08, NEMA 250 type 4X, IEC 60529 IP65

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DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	20.72m(67.98ft)
Observe (63PPM/ 19PPF)	Wide	8.29m(27.20ft)
Recognize (125PPM/ 38PPF)	Wide	4.14m(13.58ft)
Identify (250PPM/ 76PPF)	Wide	2.07m(6.79ft)

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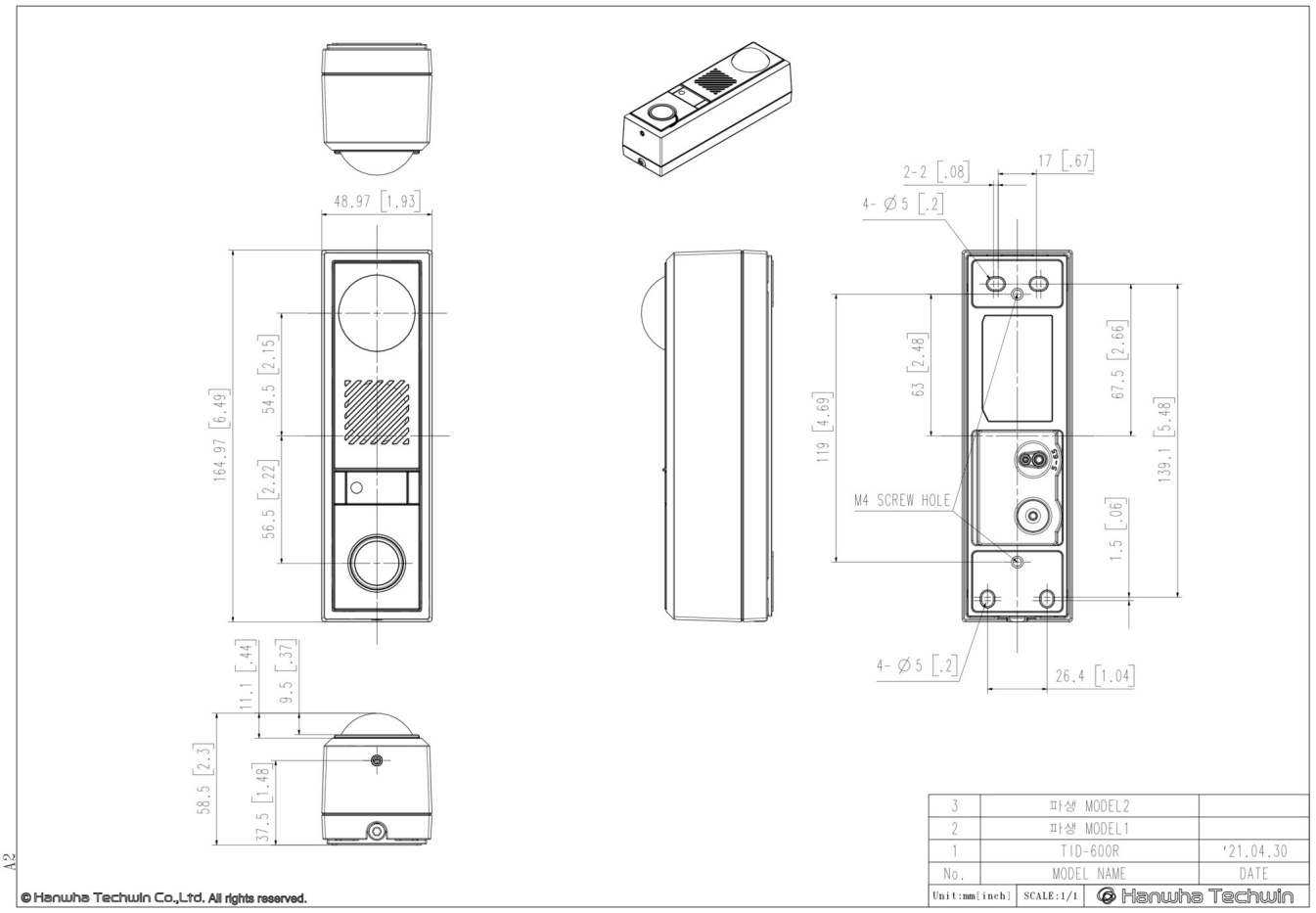
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CAD

Unit: mm [inch]



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Compatible Devices



SBS-165TM



SHS-165F

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