Hanwha Vision

Network | Intercom

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

Compatible Accessories (Optional)

SBS-165TM   SHS-165F

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Specifications

Video

Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps
Min. Illumination	Color: 0.018Lux(F1.6, 1/30sec) BW: 0Lux(IR LED on)
Video Out	CVBS: 1.0Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation

Lens

Focal Length (Zoom Ratio)	1.6mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 180° / V: 114° / D: 180°
Min. Object Distance	0.3m (0.98ft)
Focus Control	Fixed

Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point Polygonal zones
Privacy Masking	32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Analytics	Directional detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Shock detection, Sound classification
Alarm I/O	Input 2ea / Output 1ea, Relay out 1ea (12VDC Max. 550mA with 2A adapter) Tampering switch, Touchless call
Alarm Triggers	Analytics, Network disconnect, Alarm input
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output Handover Audio playback

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com.
Hanwha Vision is formerly known as Hanwha Techwin.

Audio Streaming	Two-way/one-way selectable, Full duplex, Echo cancellation and noise reduction
Audio In	Built-in mic
Audio Out	Built-in speaker: 85dB at 0.5m(1.64ft)
Light Type	IR LED (850nm)
Light Viewable Length	5m

Network

Ethernet	Metal shielded RJ-45(10/100BASE-T)
Video Compression	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 Opus 8/16KHz
Smart Codec	Manual(5ea area), WiseStream II
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, SRTP, SIP 2.0(RFC 3261 and companion RFCs)
SIP support (VoIP, Peer-to-peer, SIP/PBX integration)	Tested with Cisco, Grandstream, Yealink VoIP phones and Asterisk PBX software
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1X authentication(EAP-TLS, EAP-LEAP), Device certificate(Hanwha Techwin Root CA)
Application Programming Interface	ONVIF Profile S SUNAPI(HTTP API) Wisenet open platform

General

Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 1slot 256GB
Memory	2GB RAM

Environmental & Electrical

Operating Temperature / Humidity	-30°C~+55°C(-22°F~+131°F) / 0~95% RH
Storage Temperature / Humidity	-50°C~+55°C(-58°F~+131°F) / Less than 95% RH
Certification	IP65, IK08, NEMA4X, Safety(UL), EMC(FCC, CE)
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE: Max 12.95W, typical 9.1W 12VDC: Max 17.6W, typical 7W * 12VDC power consumption includes 12VDC/550mA relay out.

Mechanical

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

Compatible Models

In-ceiling Mount	SHS-165F
Tilt Mount	SBS-165TM

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Skin Cover	SBC-165W

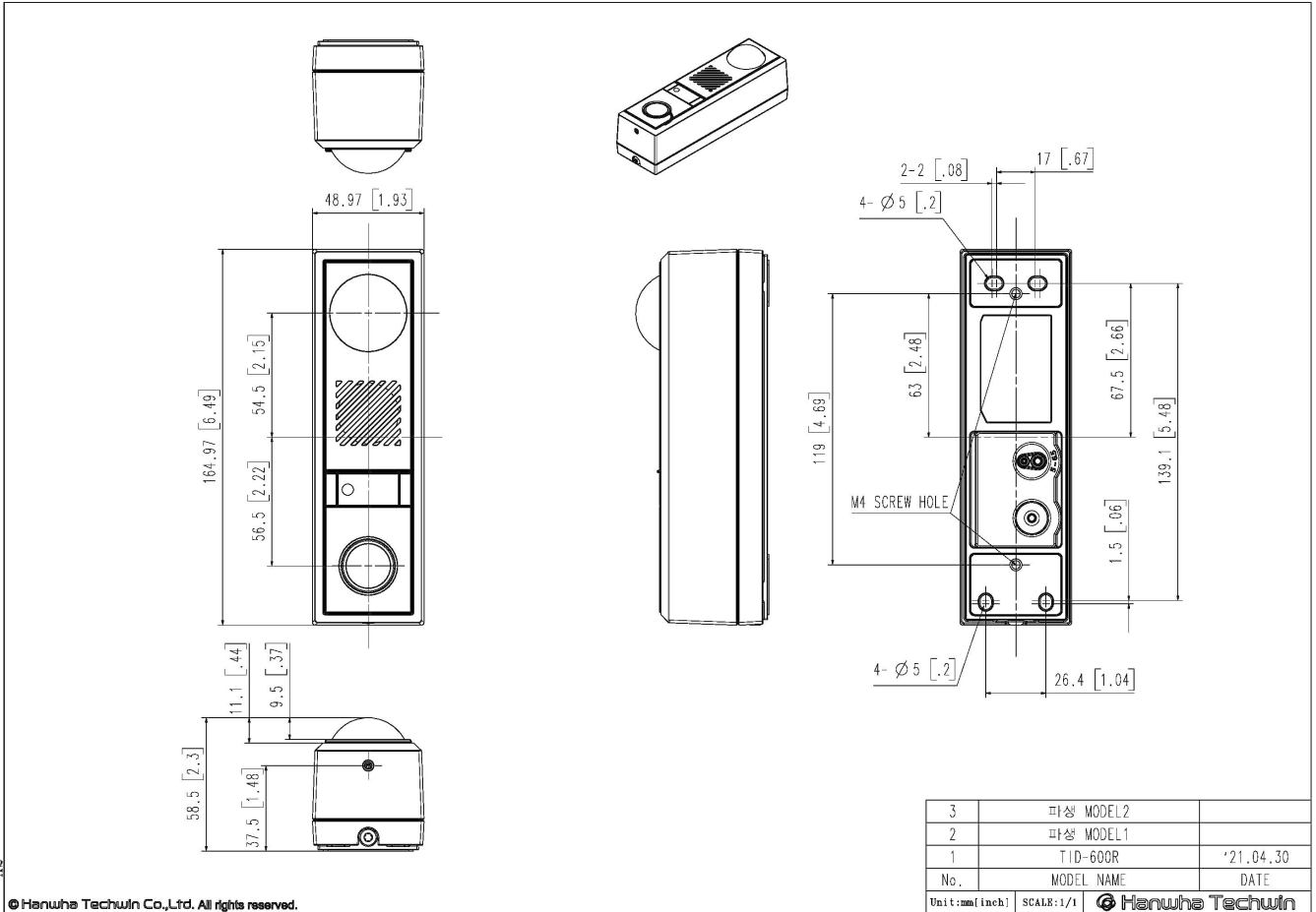| DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	20.72m(67.98ft)
Observe (63PPM/ 19PPF)	8.29m(27.20ft)
Recognize (125PPM/ 38PPF)	4.14m(13.58ft)
Identify (250PPM/ 76PPF)	2.07m(6.79ft)

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CAD

Unit:mm [inch]

3	파생 MODEL2	
2	파생 MODEL1	
1	TID-600R	'21.04.30
No.	MODEL NAME	DATE
Unit:mm[inch]	SCALE:1/1	Hanwha Techwin

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