

TID-600R

2MP Intercom

Network



FC | UL LISTED | CE | EAC

Key Benefits

- Can be used as a help point or access control with Audio/Video and I/O connectivity
- Touchless call means no physical contact is necessary
- Suitable for indoor and outdoor installations
- Excellent image quality with WDR and IR illumination
- Strengthen premises security with built-in analytics such as loitering, tampering, virtual line, audio detection and more
- Compact size with a range of accessories to suit different types of installations
- SIP 2.0 compliant making it easy to integrate with VoIP and PBX phone systems
- Support for Open Platform 3rd party applications and
- ONVIF Profile S for VMS integrations

Key Features

- Touchless call, Built-in tamper switch
- 1/2.8" 2MP sensor with 1.6mm fixed lens
- IR viewable length 5m
- Built-in mic and speaker: 85dB speaker out at 0.5m
- Echo cancellation and noise reduction
- Camera handover
- Corridor Mode
- SIP 2.0 support for integration with VoIP systems
- PoE/12VDC Max. 550mA relay out with 2A 12VDC adapter
- IP65, IK08, NEMA
- ONVIF Profile S
- Wisenet Open Platform
- Compatible with Wisenet PoE extender camera range

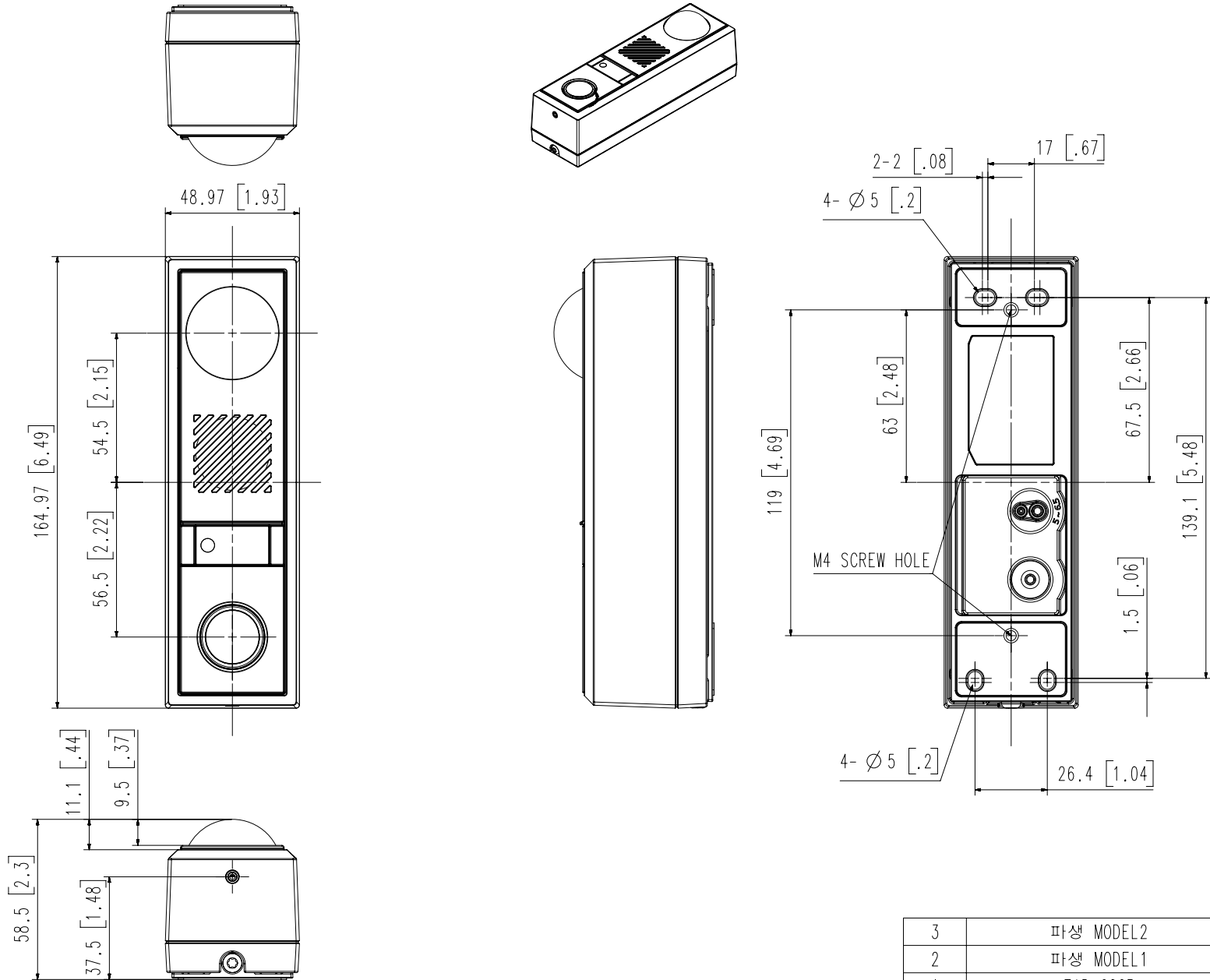
| Video | |
|-----------------------------|---|
| Imaging Device | 1/2.8" CMOS |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264 : Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz) |
| Min. Illumination | Color: 0.018lux (F1.6, 1/30sec) BW: 0 Lux (IR LED On) |
| Video Out | CVBS: 1.0 Vp-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 |
| Focus Control | Fixed |
| Operational | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSSDR |
| Wide Dynamic Range | WDR(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 |
| 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 |
| IR 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 | 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, Swedish, 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) / Less than 95% RH |
| Storage Temperature / Humidity | -50°C~+55°C / Less than 95% RH |
| Certification | IP65, IK08, NEMA4X, Safety(UL), EMC(FCC, CE) |
| Input Voltage | PoE, 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 / Aluminium |
| RAL Code | RAL7022 |
| Product Dimensions / Weight | 49(W)x165(H)x48(D)mm(1.93x6.50x1.89") / 490g |
| Skin Cover | SBC-165W |

DORI (EN62676-4 standard)

| | |
|---------------------------|--------|
| Detect (25PPM/ 8PPF) | 25.04m |
| Observe (63PPM/ 19PPF) | 10.02m |
| Recognize (125PPM/ 38PPF) | 5.01m |
| Identify (250PPM/ 76PPF) | 2.50m |

- The latest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.



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