

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

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.

© Hanwha Vision CO., LTD. All rights reserved.

# TID-600R

2MP Intercom



## 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 |

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.

© Hanwha Vision CO., LTD. All rights reserved.

## 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,<br>Notification: e-mail,<br>Recording: SD/SDHC/SDXC or NAS recording at event triggers,Alarm output,<br>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,<br>H.264: Main/Baseline/High,MJPEG |
| **Audio Compression** | | G.711 u-law /G.726 selectable,G.726(ADPCM) 8kHz,G.711 8kHz,<br>G.726: 16kbps,24kbps,32kbps,40kbps,<br>AAC-LC: 48kbps at 16kHz,Opus 8/16kHz |
| **Smart Codec** | | Manual, WiseStream II |
| **Bitrate Control** | | H.265/H.264: CBR or VBR,<br>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 |

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.

© Hanwha Vision CO., LTD. All rights reserved.

## 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 |

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.

© Hanwha Vision CO., LTD. All rights reserved.

## 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) |

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.

© Hanwha Vision CO., LTD. All rights reserved.

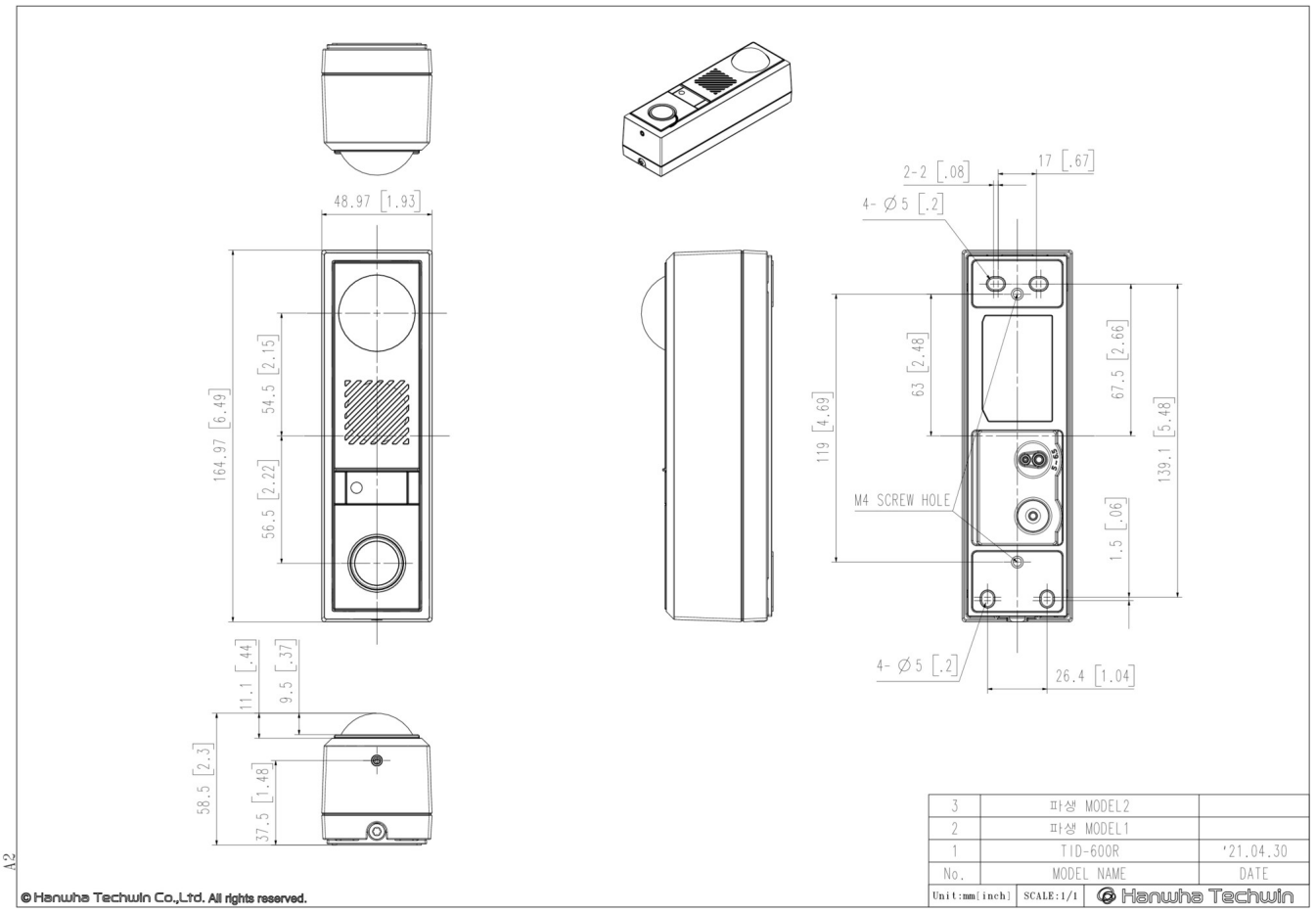
# TID-600R

2MP Intercom



## CAD

**Unit:** mm [inch]




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.

© Hanwha Vision CO., LTD. All rights reserved.