

Touchless Intercom for Door Control

The **TID-600 intercom** is used to control visitors. The best intercoms include video. Video enhances security by allowing you to see and talk to the guest at the door.

The TID-600R provides optimized video so you can see the person in a wide field of view and a wide range of lighting conditions.

Features of Door Control Intercom

- Touchless call button connects the visitor to the security person
- Wide Dynamic range of 150dB to improve visibility in bright and dark areas.
- Night-time visibility enhanced by 16.4 ft range IR illumination
- Wide field of view provides increased viewable area. 180° horizontal and 114° vertical viewing angles
- Full duplex clear two-way sound includes echo cancelation
- SIP 2.0 support provides connections to VoIP phone systems
- A variety of mounting options makes it easy to install



TID-600R

- Small and slim form factor
- Full duplex two-way communication
- Best-in-class images with 2MP sensor and WDR
- 16.4ft (5m) IR viewable length
- Wide FoV - HFoV 180°, V FoV 114°
- Touchless call
- SIP 2.0 support



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Specifications of Door Intercom

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(0.98ft)

Operational

IR Viewable Length	5m
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SDR
Wide Dynamic Range	WDR(150dB)
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Analytics	Directional detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Shock detection, Sound classification

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
Video Quality Adjustment	H.264/H.265: Target bitrate level control MJPEG: Target bitrate level control
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

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(1.08lb)
Skin cover	SBC-165W

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