

**SIP-TLO1 V Outdoor Intercom Terminal with audio and video**

**Description**

This heavy duty SIP intercom product specially developed for the needs of industry users. It has an exquisite appearance and powerful functions. It integrates intelligent security, audio/video intercom and broadcast functions. It supports wall-mounted installation, suitable for indoor and outdoor scenes, and can provide users with high-quality communication intercom services

**Functions:**

- 2 SIP lines, one for backup.
- Auto answer.
- Built-in 1 short-circuit input.
- Built-in 1 short-circuit output, short-circuit output controlled mode (four types): remote DTMF, remote server command, short-circuit input linkage, call status.
- Intercom function.
- Support external power supply. Custom DSS button.

**Features**

**Audio:**

- Broadband ADC/DAC 16KHz sampling
- Narrowband encoding: G.711a/u, G.729AB,, iLBC Wideband coding: G.722, Opus
- Duplex intercom with echo cancellation algorithm (AEC)
- Voice Activity Detection (VAD) / Comfortable Background
- Noise Generation (CNG) / Background Noise Detection (BNE)
- Packet Loss Concealment
- Dynamic adaptive jitter buffer up to 300ms
- DTMF: In-band audio, out-of-band-DTMF forwarding
- (RFC2833) / SIP INFO

**Video**

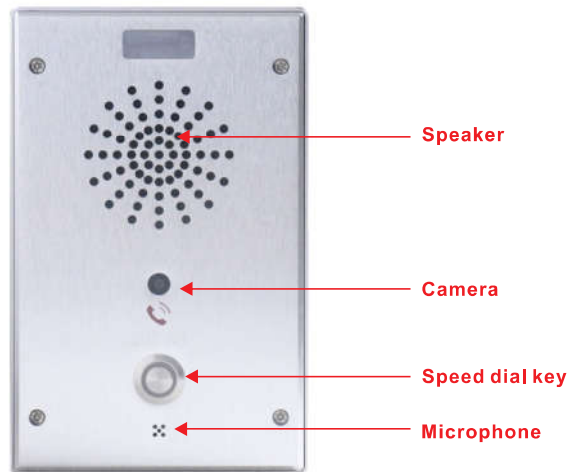
- Sensor: 1/4" color CMOS Pixels: 1 million
- Video encoding: H.264
- Resolution: 720P@30fps
- Minimum illumination: 0.1Lux
- Viewing angle: Diagonal: 84.1° , Level: 71.7° , Vertical: 56.7°

**Network**

- 10/100Mbps Ethernet
- IP mode: IPv4/IPv6/IPv4&IPv6
- IP acquisition method: static IP setting / DHCP / PPPoE
- Support 802.1x network access authority authentication
- Virtual Private Network (VPN): L2TP / OpenVPN Virtual
- Local Area Network (VLAN)
- Link Layer Discovery Protocol (LLDP) Quality of Service (QoS)

**Configuration & Management**

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PnP/TR-069
- Web management interface Web-based Packet-dump
- Configuration export/import Software upgrade
- System log (Syslog)



**Camera: Video Capture & Transmission**  
**Push Button: Can perform multicast, intercom and check IP functions**

Model	SIP-TLO1 V
Related Protocols	SIP 2.0 over UDP/TCP/TLS,RTP/RTCP/SRTP,STUN,DHCP, IPv6, LLDP, PPPoE, 802.1x, L2TP, OpenVPN, SNTP, FTP/TFTP,HTTP/HTTPS, TR-069
Speed Dial Key	1 DSS key with red indicator light
Speaker	3W/4 Ω
Power Supply	DC12V/1A or PoE
Body Material	Aluminum
Installation Method	Indoor/outdoor, wall-mounted installation
Working Temperature	-40~50° C
Storage Temperature	-40~50° C
Relative Humidity	10%-90%
Equipment Weight	0.7kg
Equipment Size	150 x 190 x 36mm