

## Industrial Call-station TL02 ser.

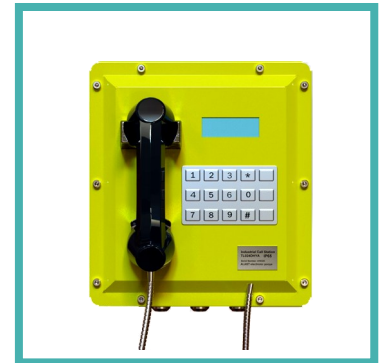


### DESCRIPTION :

In industrial sites such as oil and gas refineries, petrochemical plants, steel mills, mines, and power stations, reliable communication plays a vital role in ensuring safety, coordination, and operational continuity. Ordinary telephones cannot withstand the harsh conditions typically found in these environments — such as high humidity, dust, vibration, corrosive atmospheres, extreme temperatures, and loud ambient noise. To overcome these challenges, industrial telephones are designed and manufactured with reinforced enclosures, weatherproof and corrosion-resistant materials, and high-performance audio components that guarantee stable and clear communication under all conditions. By integrating such rugged communication systems, facilities can ensure efficient teamwork, rapid emergency response, and compliance with international safety standards. Industrial telephones are therefore an essential element of any reliable on-site communication infrastructure in demanding and hazardous environments.

### FEATURES :

- **VoIP (SIP Support) / DTMF (Custom Version)** Compatible with all standard VoIP SIP systems and analog DTMF configurations.
- **Universal Connectivity** Supports connection to all types of PABX, PBX, and PAX call centers.
- **Marine-Grade Stainless Steel Enclosure (AISI 316)** Heavy-duty corrosion-resistant construction suitable for chemical, solvent, and salt-laden atmospheres.
- **IP66 Protection Rating** Fully protected against dust and high-pressure water jets.
- **Magnetic Reed Hook-Switch** Ensures long-term reliability and maintenance-free operation.
- **Hotline / Auto-Dial Function** Programmable for automatic call initiation upon handset lift.
- **Three Programmable Speed-Dial Buttons** Push-button keys can be configured for direct call destinations.
- **Speed Dial Capability** Numbers can be assigned to the main dial keypad for quick access.
- **Integrated Lightning Protection (ITU-T K.21)** Protects internal electronics from transient surges and line disturbances.
- **Heavy-Duty Handset** Equipped with a hearing-aid compatible receiver and noise-canceling microphone for clear communication in noisy areas.
- **Armored Handset Cord** Industrial-grade stainless-steel armored cable provides superior mechanical protection.
- **Optional Auto Line-Release (7-Minute Timeout)** Automatically disconnects the line if the handset is left off-hook (configurable on request).
- **SIP Protocol Compliance** Supports Session Initiation Protocol for integration with modern IP networks.
- **Optional Internal Amplifier** Enables connection to external loudspeakers or paging systems for higher sound levels.



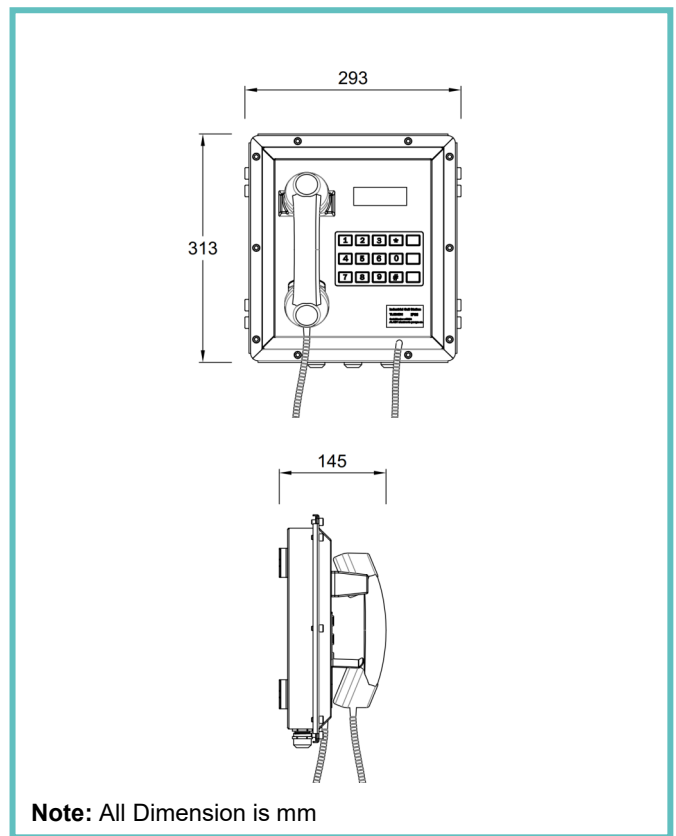
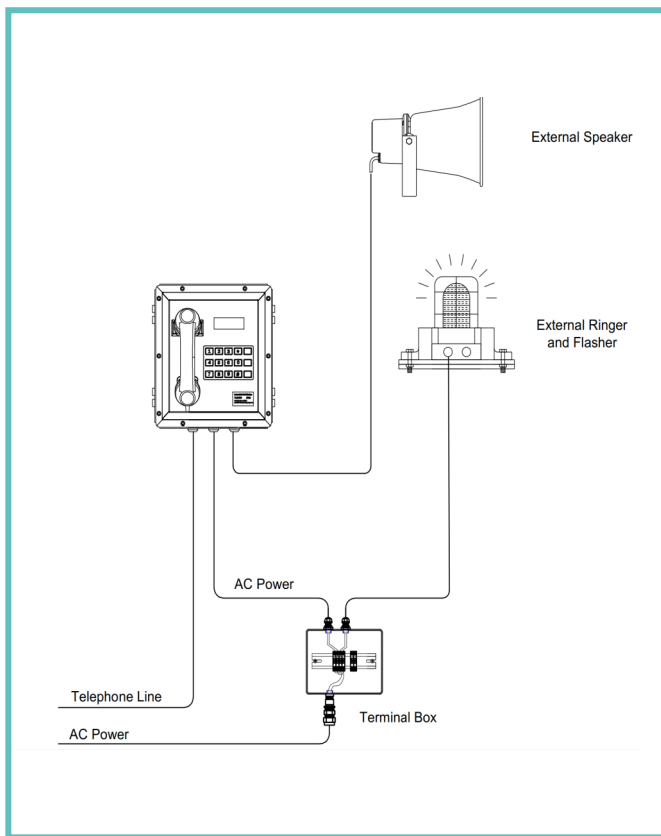
## SPECIFICATIONS:

### Analogue Call station

- PSTN analogue telephone .
- DTMF dialing.
- MTBF:100000hours .
- MTTR: 2 hours.
- Sound level of ringing: over 65dB(A).
- Call transmission index:(5KM)SLR<12,RLR<-1,stmr>10, output impedance is 600 Ohm. Maximum distance: 7KM
- Applicable for various types of SPC exchange PABX and dispatching exchange system with feeding voltage of 33-60V.
- Connection: one pair screw terminal pair cable with stainless steel cable protected
- Super strong function is available for dialing 12 groups of numbers stored in the memory, (maximum length of each number is 16 digits)
- Standard frequency: low frequency group:697. 770. 852. 941Hz,high frequency group:1209. 1336. 1477Hz, frequency deviation:-1.5% ~ +1.5%
- Ambient temperature:-30 ~ +60 degree. Relative humidity:10%~95% Atmospheric pressure: 86~106Kpa Circumstance noise: less than 60dB(A)

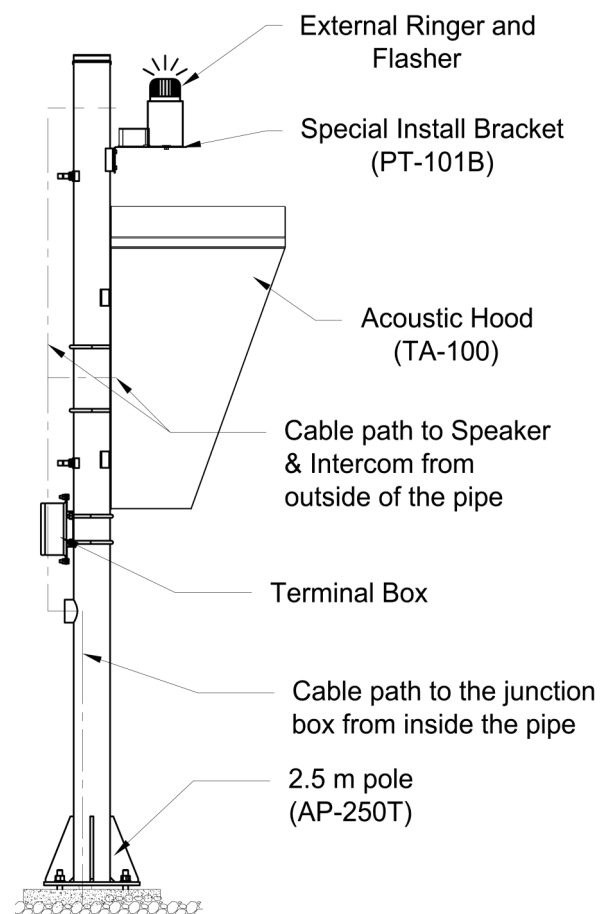
### VOIP SIP Call station

- VoIP SIP2.0 telephone
- DTMF dialing
- MTBF100000hours
- MTTR: 2 hours
- Auxiliary Contacts:1 Aux Output, dry contact
- Rated load:0.3 A at 125 VAC; 1 A at 30 VDC
- Rated carry current:1A
- Max. switching current:1A
- Max. switching voltage:125 VAC,60VDC
- IP Protocols:IPv4, TCP, UDP, TFTP, RTP, RTCP, DHCP, SIP
- Call Control Signaling: VOIP SIP Info (DTMF), RFC 2833(DTMF)
- Network:10/100 Base TX Ethernet, RJ45 connectors, Cat5e or better
- Power: Power over Ethernet, IEEE802.3af, Class 0 Local power, 12VDC,Idle 2W, Max 10W
- LAN Protocols: Power over Ethernet (PoE,802.3af), WLAN(IEEE 802.3af), Network Access Control (IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)





**Double Skin Acoustic Hood**  
Model No.: TA-100



## How To Ordered :

