

# LS-SIP-T880

## Network anti-noise telephone

The industrial-grade communication terminal LS-SIP- T880 telephone shell is made of metal material and the handle is made of PC and ABS composite materials, with good gap sealing and durability.

The LS-SIP-T880 telephone has full integration, high reliability and high protection features.

The unique design of the U-shaped groove is used to fix the handset off-hook, and the phone

has the functions of moisture-proof, dust-proof and explosion-proof. Common users of LS-SIP-T880 telephone, high-speed railway tunnels, bridges, ports, underground piping systems at airports, dispatching and calling sites for large-scale industrial and calling sites for large-scale industrial and mining projects, power plants, large- scale chemical plants, metallurgical plants, textile plants, power plants, military factories, oil rig refineries, ship mooring desk, country parks, national nature reserves, etc. The telephone communication function adopts the international SIP protocol standard, which can be effectively combined with the traditional telephone through the switching equipment.



## Product advantages



### High reliability

All integrated design of telephone line



### High strength shell

No moving parts are made of metal to resist vibration, compression and impact



### High safety factor IP68

With moisture-proof, dust-proof, explosion- proof and other function



### The handset is fixed off-hook

Unique U-shaped groove design



### High-brightness trigger alarm

Light prompt



Optional output 10-35 watt power amplifier access speaker



Built-in 4 one-key emergency call buttons



Optional dual fiber and Ethernet access

### Phone feature

- 2 SIP line
- 4 custom keys
- Handle
- Hotline, Speed dial
- Multicast, intercom, emergency call
- Auto answer
- IP Direct call
- 10 built-in ringtones/  
upload custom ringtones
- IP Direct Call
- Action URL & Action URI
- Blacklist
- Call history: dialed/ answered/  
missed/ forwarded calls (1200  
records for all )
- Voice self-report: IP address  
and extension number

### Audio features

- High fidelity sound quality:  
HD handle
- Wide band codec: G.722
- Narrow band codec:  
G.711(A/μ), G.729AB, G.726
- DTMF: In-band  
transmission, out-of-band  
transmission (RFC 2833) ,
- SIP INFO
- Full duplex hands-free
- Acoustic Echo Cancellation (AEC)
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Packet Loss Compensation (PLC)
- Background Noise Control (BNE)
- Automatic Gain Control (AGC)
- Dynamic adaptive RTP jitter buffer  
up to 300ms
- 10-30Wpower amplifier output  
optional

### Configuration and maintenance

- Web configuration

- Automatic Deployment: support  
FTP/TFTP/HTTP/ HTTPS/SIP PnP/TR-  
069
- BIN/CFG configuration  
export/ import
- Contact export/ import
- CSTA remote control
- Network packet capture  
and diagnosis
- Reset
- System firmware upgrade
- Network features**
- Support IPv4 / IPv6 / IPv4&IPv6
- IP address assignment mode:  
Static IP/ DHCP
- Virtual LAN: VLAN
- Data link layer protocol:; CDP  
/ LLDP
- SIP v1 (RFC2543), v2 (RFC3261)
- Support for redundant servers
- ICE
- Support STUN (NAT  
session traversal)
- Support UDP / TCP / TLS transport
- Support SRTP encryption protocol
- SIP trust server (anti-attack  
mechanism)
- HTTP/HTTPS
- TR-069 network management
- SNMP
- SNTP automatically  
synchronizes network date and  
time
- QoS: 802.1p/Q tagging  
(VLAN), Layer3/ToS/DSCP
- HTTPS certificate management
- Configuration file encryption
- Support information file  
encryption mechanism
- RTCP-XR, VQ-RTCPXR
- OpenVPN, IEEE802.1X

### Phone interface

- 1 x RJ-9 (4P4C) handle port
- 1 x RJ-45 10/100M auto-  
adaptive Ethernet port  
(Internet port)
- 1 x Audio Out
- 1 x 100~240V AC power input

### Physical Specifications

- IP68 Protection Grade
- Phone status indicator: DC 12V  
alarm indicator
- Telephone keypad
- 12 standard telephone number keys
- 2 volume up and down keys
- 4 custom keys
- Mounting method
- Wall mounted
- Package weight 7.5kg
- Phone power consumption: 2W
- Working environment humidity:10~95%
- Working ambient temperature:  
-10~50° C (+14~122°F)

### Installation size :

