

# SIP-T780

SIP-T780 is an easy-to-use Enterprise IP phone, suitable for office communications in small and medium-sized enterprises. This phone uses a 2.4-inch LCD screen with backlight, 2 SIP accounts, 13 programmable buttons, high-definition sound quality, 5-party conferences, and richer call functions. Support DSS expansion board access, realize speed dial button/BLF online status monitoring button, greatly improve office efficiency. The T780 series phones are highly scalable, and can be flexibly equipped with Gigabit Ethernet ports, PoE power supply, expansion disks, WiFi, etc. according to the user's business needs.



Expansion disk can customize 32 function buttons



Support QR code login phone page



Multiple viewing angles can be changed

**HD**

HD audio, acoustic echo elimination, noise reduction



Support five-party meetings



Support microphone mode and headset mode interface

Model	Network	PoE	Power Adapter	Expansion
SIP-T780	100M Ethernet port	X	√	X
SIP-T780P	100M Ethernet port	√	Optional	X
SIP-T780PK	100M Ethernet port	√	Optional	√
SIP-T780G	Gigabit Ethernet	√	Optional	X
SIP-T780GK	Gigabit Ethernet	√	Optional	√
SIP-T780W	WiFi 2.4G&5G	X	√	X



### Telephone functions

- 2 SIP lines
- Multi-language selection (Chinese/English/Turkish/Korean/Russian/Traditional Chinese/French/Italian/German/Thai/Hindi/Arabic/Vietnamese/Japanese/Spanish)
- Caller ID
- Custom DSS key
- Handle/hands-free/headphone mode
- Call hold, mute, blind transfer, inquiry transfer
- Hotline, speed dial
- Do not disturb, call forwarding, call waiting
- Multicast, intercom, text message, keypad lock, emergency call
- Redial, callback, auto answer
- Five-party meeting
- Direct IP call
- 10 types of built-in ringtones / upload custom ringtones
- Manually or automatically synchronize network time
- Dialing rules
- Line sharing
- Action URL & Action URI

### Audio characteristics

- High-fidelity sound quality: HD handle, HD hands-free
- Broadband codec: G.722, Opus
- Narrowband codec: G.711(A/μ), G.723.1, G.729AB, G.726, iLBC
- DDTMF: In-band transmission (In-band), 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 detection (BNE)
- Automatic gain control (AGC)
- Dynamic adaptive RTP jitter buffer up to 300ms

### Address book

- Local contacts (1000 entries can be stored)
- Blacklist
- XML/LDAP address book
- Contact smart search
- Contact export/import
- Call history: dialed/received/missed/forwarded calls(1200 records in total)

### IP PBX Features

- BLF
- voice message
- Anonymous call, anonymous call rejection
- Call park
- Call pickup
- Server-based recording function

### Configuration and maintenance

- Web configuration
- Phone 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 characteristics

- Support IPv4 / IPv6 / IPv4&IPv6
- IP address allocation mode: static IP / HDCP
- Virtual Local Area Network: VLAN
- Data link layer protocol: CDP / LLDP
- SIP v1 (RFC2543), v2 (RFC3261)
- Support redundant servers
- ICE
- Support STUN (NAT session traversal)
- Support UDP / TCP / TLS transmission
- Support SRTP encryption protocol
- SIP trust server (anti-attack )
- HTTP/HTTPS
- TR-069 network management protocol
- SNTP automatically synchronizes
- QoS: QoS: 802.1p/Q tagging (VLAN), Layer3/ToS/DSCP
- HTTPS certificate management
- Configuration file encryption
- Support information verification
- RTCP-XR, VQ-RTCPXR
- OpenVPN, IEEE802.1X
- WiFi (2.4G&5G) optional

### Phone interface

- 1 x RJ-9 (4P4C) handle interface
- 1 x RJ-9 (4P4C) headset interface
- 2 x RJ-45 10/100/1000M adaptive Ethernet port (Internet network port, PC network port)
- DC power interface

### Product specification

- Phone main screen: 2.3 inches (132x64) LCD display with backlight
- Information indicator: LED red light
- Phone keyboard
  - 2 SIP line keys (with LED lights, programmable)
  - 4 custom soft keys
  - 12 standard telephone number keys
  - 6 function keys: headset, voice message, mute, Call forwarding, redialing, hands-free
  - 5 navigation keys
  - 2 volume up/down adjustment keys
- Color: business gray
- Installation method
  - Desktop
  - Wall-mounted
- Desktop size: 187mm\*183mm\*162mm
- Phone power consumption: 2~3W
- PoE: IEEE 802.3af/IEEE 802.3at
- Working environment humidity: 10~95%
- Working temperature:
  - 10~50° C (+14~122° F)

### Carton package

- Packing list:
  - IP phone: LVswitch SIP-T780
  - Base
  - Standard Ethernet cable
  - Handle and handle curve
  - Quick start guide
  - Power adapter: input AC 100~240V, Output DC 5V / 1000mA
- Quantity / box: 10 sets
- Gross weight/carton: 9.5 kg
- Color box size: 205mm×205mm×95mm
- Carton size: 500mm×430mm×230mm