



# SIP-T580

SIP-T580P is a business-grade color screen IP agent phone, suitable for office communications of large, medium and small call center customer service companies. It has a simple design, beautiful appearance, easy operation, and high performance. It adopts a 2.8-inch color LCD display, 320×240 resolution, supports 4 SIP accounts, dual 100M Ethernet ports (built-in PoE power supply), an external foot switch to control the answering/hanging up of the phone, and features such as automatic deployment. SIP-T580P is dedicated to creating an agent phone with perfect voice quality, rich and advanced telephone functions for users, making customer communication easier and smoother. SIP-T580P can be widely compatible with mainstream call center/IP PBX/softswitch platforms.



**LED**  
Light button

Humanized design  
to improve office  
efficiency



4 SIP accounts  
2 call lines



With professional  
call center telephone  
monitoring function

**HD**

HD audio, acoustic  
echo elimination,  
noise reduction



Address book  
(up to 1000 entries)  
Call record  
(up to 1200 entries)



3.5mm/RJ9 headset  
dual interface design



Support  
five-party meetings



Built-in  
PoE power supply

Model	Network	PoE	Power Adapter
SIP-T580P	100M Ethernet port	√	Optional



**Network Characteristics**

- SIPv1(RFC2543)、v2(RFC3261)、UDP/TCP/TLS、SRTP;
- IPv4/IPv6/IPv4&IPv6 mode、IP address allocation mode: Static IP/ HDCCP、CDP /LLDP、VLAN、OpenVPN、IEEE802.1X;
- HTTP/HTTPS、TR-069、SNTP、STUN、ICE;
- QoS: 802.1p/Q tagging (VLAN),Layer3/ ToS/DSCP

**Audio characteristics**

- HD High fidelity sound quality: HD Earphone、HD speaker
- Broadband codec: G.722、Opus
- Narrow band code: G.711(A/μ)、G.729AB G.726、iLBC
- DTMF: In-band transmission (In-band) out-of-band transmission (RFC 2833), SIP INFO;
- Full duplex hands-free, echo cancellation(AEC)
- Voice activity detection(VAD)
- Comfortable noise generation(CNG)
- Packet loss compensation(PLC)
- Background noise detection (BNE)
- Automatic gain control(AGC)
- Dynamic adaptive RTP jitter buffer

**Display**

- 2.8 inches (320x240) color LCD screen

**Keypad**

- 2 volume up/down adjustment keys
- 4 custom soft keys
- 2 function keys with LED lights (headphone key/mute key)
- 4 standard function buttons
- 12 standard telephone digit keys

**Physical interface**

- 2 x RJ9interface: Headset、Headset (Monitor port)
- 2 x RJ45interface: Network port、PC port(Bridge mode)
- 2 x 3.5mm interface: Headset (Side)、Foot switch

**Telephone function**

- Phone dial out/answer/reject
- Call mute/unmute/hold/resume/ blind transfer/Inquiry transfer
- Agent offline/online call forwarding (unconditional/busy/no answer)
- Call waiting
- ACDqueue
- Call pickup/ call park( Need to cooperate with server)
- Caller ID
- Anonymous call
- Phone book download(XML, LDAP, 1000 entries)
- Call record(1200 pcs records)
- Page outgoing dialing/hang up
- Dial plan
- Redial
- DND
- Auto answer
- Voicemail
- Five way conference
- IPdirect dial
- Hotline
- Line sharing
- 10 built-in ringtones/upload custom ringtones
- Action URL & Action URI

**Security**

- User and administrator-level passwords
- Based on MD5 and MD5-sess authentication
- 256 Bits AES security profile
- SRTP、TLS Call encryption
- 802.1x Media access control

**QOS**

- 802.11e and three-layer QoS (ToS, Di port Serve, MPLS)

**Multi-language**

- Simplified Chinese / Traditional Chinese /
- English / Turkish / Korean/Russian /
- French / Italian / German / Polish /
- Portuguese/Japanese / Spanish / Thai /
- Hindi / Arabic / Vietnamese

**Upgrade/Configuration**

- Upgrade firmware via TFTP / HTTP / HTTPS
- PnP automatic deployment
- Webpage upload firmware upgrade using TR-069 or AES encrypted XML configuration file for large-scale deployment

**Fall resistance**

- 1.3m throw-proof

**Energy Saving**

- Universal power adapter(Optional)
- Power: AC100-240V
- Output: DC5V, 1000mA
- POE supply: Comply with IEEE(802.3f)

**Product specifications**

- Phone size: Desktop type without earphone bracket length\*width\*height : 168mm\*111mm\*140mm Desktop type with earphone bracket length\*width\*height : 168mm\*111mm\*270mm
- Net weight of the phone: 0.35kg
- PoE: IEEE 802.3af/IEEE 802.3at

**temperature & humidity**

- Working temperature: 0~45°C
- Working humidity: 10~90% (non-condensing)
- Storage temperature: -20~60°C
- Storage temperature: 10~90% (no condensation)

**Packing list**

- SIP-T580P phone
- Standard power adapter
- Phone stand
- Earphone metal bracket
- Quick start guide

**Standards and certifications**

- FCC, CE, ROHS