



SIP-T520

LV switches Inc SIP-T520 is an entry-level, economical IP agent phone, suitable for agent phone deployment in large, medium and small call centers. It has the advantages of economical benefits, high quality and low price, powerful functions, easy operation and high performance. Adopt a 2.4-inch black and white LCD display with backlight, 132 X 64 resolution, support 2 SIP accounts, dual 100M Ethernet ports(SIP-T520P has built-in PoE power supply), the external foot switch controls the answering/hanging up of the phone, and features such as automatic deployment. SIP-T520/P is extremely integrated with the communication platform, with complete phone functions, and a stable and clear voice call experience. In addition, SIP-T520/P is simple to operate, plug and play, supports unified deployment and management, is suitable for a variety of application scenarios, and can meet various needs of enterprises.



LED
Light button
Humanized design
to improve office
efficiency


2 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)

 x2
3.5mm/RJ9 headset
dual interface design

Model	Network	PoE	Power Adapter
SIP-T520	100M Ethernet port	X	√
SIP-T520P	100M Ethernet port	√	Optional

LV Switches Inc.

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Official website



WeChat public account

Network Characteristics

- SIPv1(RFC2543)、v2(RFC3261)、UDP/TCP/TLS、SRTP;
- IPv4/IPv6/IPv4&IPv6 mode、IP address allocation mode: Static IP/HDCP、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

- 2.4 inch (132x64)
Black and white display with backlight

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: IEEE 802.3af/IEEE 802.3at

Product specification

- Phone size: Desktop type
Without earphone bracket
length*width*height :
168mm*111mm*140mm
Desktop type
With earphone bracket
length*width*height :
168mm*111mm*270mm
- Phone netweight: 0.35kg

Temperature & Humidity

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

Packing list

- SIP-T520/SIP-T520P phone
- Standard power adapter (Besides SIP-T520P)
- Phone bracket
- Earphone metal bracket
- Quick user guide

Standards and certifications

- FCC, CE, ROHS