

Yealink® SIP-T46S Business IP Phone



A Revolutionary SIP Phone for Enhancing Productivity

The **Yealink® SIP-T46S Business IP Phone** is the ultimate communications tool for busy executives and professionals with a rich, high-resolution TFT color display. Built with Yealink HD technology, this device enables crystal clear communications. The SIP-T46S is also built with Gigabit Ethernet technology, for rapid call handling and use with accessories like a Bluetooth USB Dongle and a Wi-Fi USB Dongle.

- 4.3" 480 x 272-pixel color display with backlight
- USB 2.0
- Dual-port Gigabit Ethernet
- PoE support
- Paperless label design
- Headset, EHS support
- Wi-Fi via WF40
- Bluetooth via BT40
- USB recording
- Supports expansion modules
- Stand with 2 adjustable angles

Audio Features

- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Codecs: G.722, G.711(μ), G.729AB
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, A/B, AG

Phone Features

- 16 VoIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Emergency call
- Redial, call return, auto answer
- 3-way conferencing
- Ring tone selection
- Set date time manually or automatically
- Dial plan, XML Browser, action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

USB port (2.0 compliant) for:

- Bluetooth earphone through BT40,
- Contact synchronization through BT40
- Wi-Fi through WF40,
- USB call recording through USB flash drive
- Enhanced DSS key

Directory

- Local phonebook up to 1000 entries
- Black list
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded

IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Hot-desking, voice mail
- Call park, call pickup
- Centralized call recording
- Visual voice mail
- Call recording

Display and Indicator

- 4.3" 480 x 272-pixel color display with backlight
- 16 bit depth color
- LED for call and message waiting indication

- Dual-color (red or green) illuminated LEDs for line status information
- Wallpaper
- Intuitive user interface with icons and soft keys
- Multilingual user interface
- Caller ID with name and number
- Screensaver
- Power saving

Feature keys

- 10 line keys with LED
- 10 line keys can be programmed up to 27 paperless
- DSS keys (3-page view)
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 4 context-sensitive "soft" keys
- 6 navigation keys
- Volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 1 x USB port (2.0 compliant)
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x RJ12 (6P6C) EXT port: Supports up to 6 Expansion Modules for an attendant console application

Other Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External Yealink AC adapter (optional): AC 100~240V input and DC 5V/2A output
- Power consumption (PSU): 1.9-4.0W
- Power consumption (PoE): 2.7-5.5W
- Dimension (W*D*H*T): 244mm*213mm*185mm*54mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C (+14~122°F)

Management

- Configuration: browser/phone/auto-provision
- Auto provision via HTTP/HTTPS for mass deploy
- Auto-provision with PnP
- Zero-sp-touch, TR-069

- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log

Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV(RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-session
- OpenVPN, IEEE802.1X
- IPv6, LLDP/CDP/DHCP VLAN, ICE

Package Features

Package content:

- Yealink SIP-T46S IP phone
- Handset with handset cord
- Ethernet Cable (2m CAT5E FTP Cable)
- Stand
- Quick Start Guide
- Power Adapter (Optional)
- Wall Mount Bracket (Optional)