

## Description

The SIP-T42S IP phone is a dynamic business communications tool for superior voice communications and extended functionality. It has a faster, more responsive interface than the T42G and offers better overall performance. The SIP-T42S is a 12-line IP phone with multiple programmable keys for enhancing productivity. It is with Yealink Optima HD Voice Technology and wideband codec of Opus for superb sound quality and crystal clear communications. What's more, the SIP-T42S is built with Gigabit Ethernet technology for rapid call handling. Plus, with an all-new USB port, the SIP-T42S boasts unparalleled functionality and expansibility, which comes ready for future Bluetooth, Wi-Fi and USB recording features. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.

## Features

- 2.7" 192x64-pixel graphical LCD with backlight
- Opus\* codec support
- USB 2.0
- T4S Auto-P template unified
- T4S firmware unified
- Up to 12 SIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- Paperless label design
- Headset, EHS support
- Integrated stand with 2 adjustable angles
- Wall mountable

## Specification

### Audio Features

- HD voice: HD handset, HD speaker
- Hearing aid Compatible (HAC) handset
- Wideband codec: Opus\*, G.722
- Narrowband Codecs: Opus\*, G.711(A/μ), G.723, G.723.1, G.729AB, G.726, iLBC
- DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC

### Phone Features

- 12 VoIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline

- Call forward, call waiting, call transfer
- Group listening, SMS, emergency call
- Redial, call return, auto answer
- 3-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Hotline, emergency call
- 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,
- Wi-Fi through WF40,
- USB call recording through USB flash drive
- Enhanced DSS Key

#### Directory

- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Intelligent search method
- 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
- Flexible seating
- Call park, call pickup
- Executive and Assistant
- Centralized call recording
- Visual voice mail
- Call recording

#### Display and Indicator

- 2.7" 192x64-pixel graphical LCD with backlight
- LED for call and message waiting indication
- Dual-color (red or green) illuminated LEDs for line status information
- Intuitive user interface with icons and soft keys
- Multilingual user interface
- Caller ID with name and number
- Power saving

#### Feature keys

- 6 line keys with LED

- 6 line keys can be programmed up to 15 paperless DSS keys (3-page view)
- 5 features keys: message, headset, hold, mute, hands-free speakerphone
- 4 context-sensitive “soft” keys
- 6 navigation keys
- 2 Volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

#### Interface

- Dual-port Gigabit Ethernet
- 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:
- Power over Ethernet (IEEE 802.3af), class 2

#### Other Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External universal AC adapter (optional):
- AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.8-5.0W
- Power consumption (PoE): 2.47-12.5W.0W
- Dimension(W\*D\*H\*T): 212mm\*189mm\*175mm\*54mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

#### Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
- Auto-provision with PnP
- Broadsoft device management
- 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 transverse: 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
- SRTP for voice
- Transport Layer Security (TLS)
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- OpenVPN, IEEE802.1X
- IPv6
- LLDP/CDP/DHCP VLAN
- ICE

### **Others**

- Warranty: 2 Years ( Local - Singapore) Includes Free Email Support
- Lead Time: 1 to 3 Weeks
- Package content:
  - Yealink SIP-T42S IP phone
  - Handset with handset cord
  - Ethernet Cable (2m CAT5E UTP Cable)
  - Stand
  - Quick Start Guide
  - Power Adapter (Optional)
  - Wall Mount Bracket (Optional)
- > Qty/CTN: 5 PCS
- > N.W/CTN: 6.4 kg
- > G.W/CTN: 7.0 kg
- > Giftbox size: 246mm\*223mm\*120mm
- > Carton Meas: 627mm\*256mm\*235mm