A Reliable and Affordable SIP Phone for Business

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 with 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.

Key Features and Benefits

HD Audio
Yealink Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. Being a totally open, highly versatile audio codec, Opus, is designed to perform a higher HD audio quality than other wideband codecs in a high network bandwidth; However, if your current network quality is poor, Opus can provide you with a better audio quality than other narrowband codecs. And its hearing aid compatible (HAC) handset helps the person who is with hearing loss to hear the voice more clearly.

Easy Customization and High Expansibility
With an all-new USB port, the SIP-T42S is your ideally powerful and expandable office phone with Bluetooth, Wi-Fi and USB recording features. It has three pages of flexible buttons which can be programmed with up to 15 paperless DSS keys.

Efficient Installation and Provisioning
The Yealink T4S series supports efficient provisioning and effortless mass deployment with Yealink’s Redirection and Provisioning Service (RPS) and Boot mechanism to help you realize the Zero Touch Provisioning without any complex manual settings, which makes the T4S series simple to deploy, easy to maintain and upgrade. Furthermore, a unified firmware and autop template that applies to all T4S phone models (T41S, T42S, T46S and T48S), saves even more time and costs for businesses, as well as simplifies the management and maintenance.

Secure Transport and Interoperability
The SIP-T42S uses SIP over Transport Layer Security (TLS/SSL), which is the latest network security technology. It’s also compatible with leading soft switch suppliers 3CX and Broadsoft Broadworks.

- 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

www.yealink.com
### Audio Features
- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Wideband codec: AMR-WB (optional), Opus*, G.722
- Narrowband codec: AMR-NB (optional), Opus*, G.711(A/u), G.723.1, G.729A, G.726, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, PLC, AJB, AGC

### Phone Features
- 12 VoIP accounts
- One-touch speed dial, redial, call forward, call waiting
- Call transfer, call hold, call return, group listening
- Mute, auto answer, DND, 3-way conference call
- 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):
  - Bluetooth earphone through BT40/BT41,
  - Contact synchronization through BT40/BT41,
  - Wi-Fi through WF40/WF50,
  - USB call recording through USB flash drive
- USB connectivity to Yealink UH36 headset:
  - Basic functions: Answer / end, call mute
  - Enhanced function: audio optimization, redial, call hold, volume synchronization, multiple calls control
- Enhanced DSS key

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

### 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
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC3263)
- 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
- OpenVPN, IEEE802.1X
- IPv6
- LLDP/CDP/DHCP VLAN
- ICE

### Package Features
- 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

### Compliance
- Zero-sp-touch, TR-069
- Phone lock for personal privacy protection
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC3263)
- Auto-provision with PnP
- 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
- OpenVPN, IEEE802.1X
- IPv6
- LLDP/CDP/DHCP VLAN
- ICE

* Opus: Support 8 kHz (narrowband) and 16 kHz (wideband) sampling rate
About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

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