A Revolutionary SIP Phone for Enhancing Productivity

The SIP-T46S IP phone is the ultimate communications tool for busy executives and professionals. In addition to offering better overall performance that the T46G, this device has a faster interface with a rich, high-resolution TFT color display. Built with Yealink Optima HD technology and wideband codec of Opus, 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 Dongle. The new T4S series offers the same elegant appearance as the T4 line, but with improvements for greater interoperability and collaboration.

SIP-T46S

| Optima HD Voice | Opus Codec | Unified Firmware | USB 2.0 | HAC | 1000 M Gigabit | Paperless |

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 Expandability

The SIP-46S comes with two Gigabit Ethernet ports, one of which is suitable for Power over Ethernet (PoE). A built-in USB 2.0 port can also be used for Bluetooth, Wi-Fi and USB recording. The SIP-T46S supports up to six expansion models, for up to 240 additional buttons with a screen-based LCD display and LED systems. Plus, it has three pages of flexible buttons which can be programmed with up to 27 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 auto-p template that applies to all T4S phone models saves even more time and costs for businesses, as well as simplifies the management and maintenance.

Secure transport and interoperability

The SIP-T46S 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.

- 4.3" 480 x 272-pixel graphical LCD with backlight
- OPUS* codec support
- USB 2.0
- T4S Auto-P template unified
- T4S firmware unified
- Up to 16 SIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- Paperless label design
- Headset, EHS support
- Wi-Fi via WF40
- Bluetooth via BT40
- USB recording
- Stand with 2 adjustable angles
- Supports expansion modules

Audio Features

- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Wideband codec: OPUS*, G.723.1
- Narrowband codec: OPUS*, G.711 (A/μ), 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
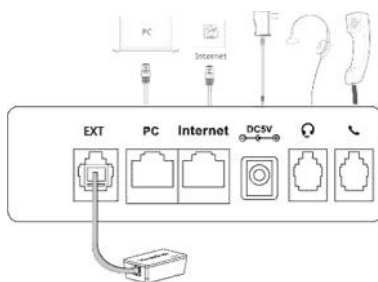- VAD, CNG, AEC, PLC, AJB, AGC

Phone Features

- 16 VoIP accounts
- One-touch speed dial, hotline, redial
- Call forward, call waiting
- Call transfer, call hold, emergency call
- Call return, group listening, SMS
- Mute, auto answer, DND
- 3-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Hotline, emergency call
- Set time date manually or automatically
- Dial Plan, SML Browser, Action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- USB port (2.0 compliant); Bluetooth earphone, Wi-Fi and call recording
- 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
- Call park, call pickup
- Executive and Assistant
- Centralized call recording
- Visual voice mail
- Call recording

Display and Indicator

- 4.3" 480x272-pixel graphical LCD with backlight
- LED for call and message waiting indication
- Dual-color 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
- Wallpaper and Screensaver

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, mute, redial, hands-free speakerphone
- 4 context-sensitive "soft" keys
- 6 navigation keys
- Volume control keys
- Illuminated mute, headset and hands-free speakerphone keys

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af) Class 2
- 1 x USB port (2.0 conpliant)
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x RJ12 (6P6C) EHS port
  Supports up to 6 Expansion modules

Other Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External Yealink AC adapter (optional): AC100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.92-4.93W
- Power consumption (PoE): 2.68-7.57W
- Dimension (W*D*H*T): 244mm*213mm*185mm*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 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
- 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

Package Features

- Package content:
  - Yealink SIP-T46S 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: 7.6 kg
- G.W/CTN: 8.4 kg
- Giftbox size: 274mm*255mm*128mm
- Carton Meas: 660mm*286mm*263mm

Compliance

CE FC REACH ISO 9001

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