Yealink

SIP-T46U

A Revolutionary SIP Phone for Enhancing Productivity

Designed for busy executives and professional, the SIP-T46U IP phone is an ultimate communication tool that has the better overall performance. The phone employs an appealing high-resolution TFT color display that looks brighter and more vibrant. United Yealink Optima HD Voice technology and wideband codec of Opus, the T46U awards you the superb audio quality and crystal-clear voice communications. Moreover, the T46U puts dual USB ports in a phone that makes Bluetooth, Wi-Fi, USB headset and USB recording come true, and you can use any two of them freely according to your needs. The Yealink new T4U series offers the same elegant appearance as the T4 line, but with improvements for greater interoperability and better collaboration.

Optima HD Voice | Dual USB Ports | Acoustic Shield | Unified Firmware | Gigabit | Expansion Module | Opus Codec

Key Features and Benefits

Easy Customization and High Expansibility

The SIP-T46U comes with two Gigabit Ethernet ports, one of which is suitable for Power over Ethernet (PoE). Accompanied by two USB ports, the T46U is your right-hand man in the office that makes Bluetooth, Wi-Fi, USB headset and USB recording possible, and you can use any two of them freely according to your needs to enrich phone features. Meanwhile, the phone not only has three pages of flexible buttons that can be easily programmed with 27 paperless DSS keys at most, but also can connect up to three expansion modules, for up to 180 additional buttons with a screen-based LCD display and LED system.

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.

Efficient Installation and Provisioning

Yealink T4U 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 T4U series simple to deploy, easy to maintain and upgrade. Furthermore, a unified firmware and auto-p template that applies to all T42U (pending)/T43U/T46U/T48U phone models, saves even more time and costs for businesses, as well as simplifies the management and maintenance.

Secure Transport and Interoperability

Yealink T4U series uses SIP over Transport Layer Security (TLS/SSL), which is the latest network security technology. It's also compatible with leading soft switch suppliers, such as 3CX, Broadsoft Broadworks. Moreover, it is carried with dual fimrware images that gives you a enterprise-level protection to avoid bricking your system once upgrade failed.

- 4.3" 480 x 272-pixel color display with backlight
- Opus codec support
- Dual USB ports
- Dual firmware images
- T42U (pending)/T43U/T46U/T48U Auto-P template unified
- T42U (pending)/T43U/T46U/T48U firmware unified
- Up to 16 SIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- USB headset and EHS support
- Wi-Fi via WF40/WF50
- Bluetooth via BT40/BT41
- USB recording
- Supports color-screen expansion modules
- Stand with two adjustable angles
- Wall mountable

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Specifications

Audio Features
> HD voice: HD handset, HD speaker
> Hearing aid compatible (HAC) handset
> Acoustic Shield
> Codecs: AMR-WB (optional), AMR-NB (optional), Opus*, G.722, 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
> 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
> 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/BT41
- Contact synchronization through BT40/BT41
- Wi-Fi through WF40/WF50
- USB call recording through USB flash drive
- USB headset
- Expansion Module EXP43
- Wireless Headset Adapter EHS40
> 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 Apperance (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" 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
> 2 x USB port (2.0 compliant)
> 1 x RJ9 (4P4C) handset port
> 1 x RJ9 (4P4C) headset port

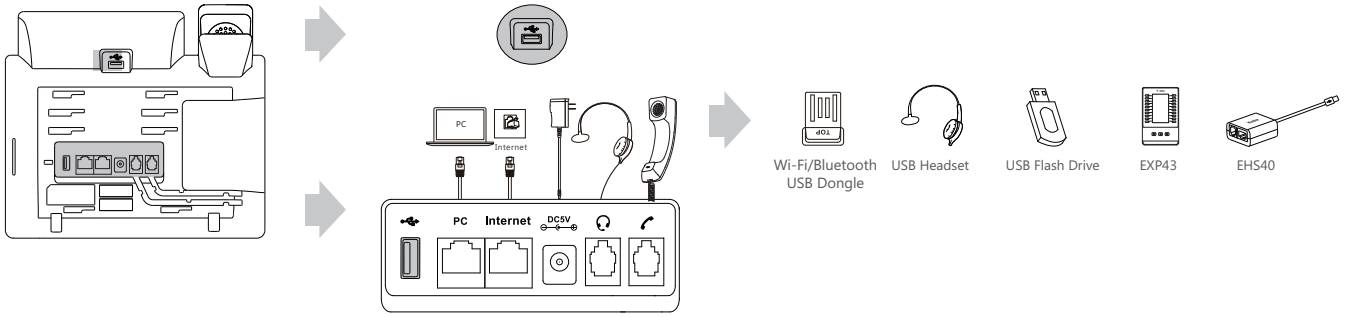
Other Physical Features
> Color: Classic Grey
> Stand with 2 adjustable angles
> Wall mountable
> External Yealink AC adapter (optional): AC 100~240V input and DC 5V/2A output
> USB output currency: 5V ⎓ 1A
> Power consumption (PSU): 1.2-3.0W
> Power consumption (PoE): 1.6-3.8W
> Dimension (W*D*H*T): 244mm*213mm*185mm*54mm
> Operating humidity: 10~95%
> Operating temperature: 0~40°C (+32~104°F)

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
> 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
> OpenVPN, IEEE802.1X
> IPv6, LLDP/CDP/DHCP VLAN, ICE

Package Features
> Package content:
- Yealink SIP-T46U 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: 7.2 kg
> G.W/CTN: 8.1 kg
> Giftbox size: 274mm*255mm*128mm
> Carton Meas: 660mm*286mm*263mm

Compliance
CE FC RoHS REACH ISO 9001 broadsoft 3CX Genesys metaswitch Asterisk® Compatible



Learn More
To find out how Yealink solutions can help your organization, visit us at www.yealink.com or mail to sales@yealink.com

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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Technical Support

Visit Yealink WIKI (http://support.yealink.com/) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (https://ticket.yealink.com) to submit all your technical issues.

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