Yealink

SIP-T42U

A Well-Rounded SIP Phone for Clear Communications

The SIP-T42U IP phone is a feature-rich business tool for excellent communications and extended functionality. Integrated with Hall Switch, T42U gives you a quieter operation and environment. Coming with plentiful built-in programmable keys, this 12-line IP phone guarantees the enhanced productivity. United Yealink Optima HD Voice technology, the T42U awards you the superb audio quality and crystal-clear voice communications. The phone feels quicker and more responsive when performing call features. Moreover, the T42U 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. The T4U series better builds the Yealink ecosystem and is compatible with more Yealink headsets, supporting intelligent channel switching* and using the phone to configure and upgrade headset.

*Only BH76 headset support the intelligent channel switching feature.



Optima HD Voice | Dual USB Ports | Acoustic Shield | Unified Firmware | Gigabit



Key Features and Benefits

Easy Customization and High Expansibility

Accompanied by two USB ports, the T42U 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 has three pages of flexible buttons that can be easily programmed with 15 paperless DSS keys at most.

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, is designed to perform a higher HD audio quality than other wideband codecs in a high network bandwidth. 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 T4U 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. It is carried with dual firmware images that gives you a enterprise-level protection to avoid bricking your system once upgrade failed. What's more, T4U series support the feature of Security Center, which allows users to decide whether to connect the phone to the device management platform/service and what private data you permit to report.

- 2.7" 192x64-pixel graphical LCD with backlight
- Dual USB ports
- Dual firmware images
- T4U Auto-P template unified
- T4U firmware unified
- Up to 12 SIP accounts
- PoE support
- Dual-port Gigabit Ethernet
- USB headset and EHS support
- Wi-Fi via WF40/WF50
- Bluetooth via BT40/BT41/BT52
- Stand with 2 adjustable angles
- Wall mountable
- Handset with hall switch

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Specifications

Audio Features

> HD voice: HD handset, HD speaker
> Hearing aid compatible (HAC) handset
> Acoustic Shield
> Smart Noise Filtering
> Wideband codec: AMR-WB (optional), G.722
> Narrowband codec: AMR-NB (optional), PCMU (G.711μ), PCMA (G.711A), G.723.1, G.729, G.729A, G.729B, 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
> One-touch speed dial, redial
> Call forward, call waiting, call transfer, call hold
> Call return, group listening
> Emergency call
> Mute, DND
> Auto answer
> Hoteline
> 5-way conference call
> 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)
> Dual USB ports (2.0 compliant)
- Bluetooth headset through BT40/BT41/BT52
  Support Yealink Bluetooth headset BH71/BH71 Workstation/ BH71 Workstation Pro/BH72/BH76/UH38 through BT52
- DECT wireless headset (Yealink WH62 Portable/WH63 Portable)
- Contact synchronization through BT40/BT41/BT52
- Simultaneous connection of one headset and one mobile phone through BT40/BT41/BT52
- Wi-Fi through WF40/WF50
- USB call recording through USB flash drive
- USB headset
- Wireless Headset Adapter EHS40

> USB/Bluetooth connectivity to Yealink CP900/CP700 speakerphone/wireless headset UH38, USB connectivity to Yealink wired headset UH34/UH36/UH37:
- 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
> Blocklist
> 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, Executive and Assistant
> Call park, call pickup
> 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, mute, redial, 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

> 2 x RJ45 10/100/1000M Ethernet ports
> Power over Ethernet (IEEE 802.3af), Class 2
> 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 100-240 V input and DC 5 V/1.2 A output
> USB output currency: 5 V ⎓ 500 mA
> Power consumption (PSU): 0.9-2.2 W
> Power consumption (PoE): 1.3-2.9 W
> Dimension (W*D*H*T):
212 × 189 × 175 × 54 mm
> Operating humidity: 5% to 90%, noncondensing
> Operating temperature: -10 to +45°C (+14 to 113°F)
> Storage temperature: -30 to +70°C (-22 to +158°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 1.3)
> HTTPS certificate manager
> AES encryption for configuration file (AES256)
> Digest authentication: MD5/SHA1/SHA224/-SHA256/SHA384/SHA512
> OpenVPN, IEEE802.1X, L2TP VPN
> IPv6
> LLDP/CDP/DHCP VLAN
> ICE
> WPA2/WPA3
> Secure boot
> GARP (Generic Attribute Registration Protocol)

Package Features

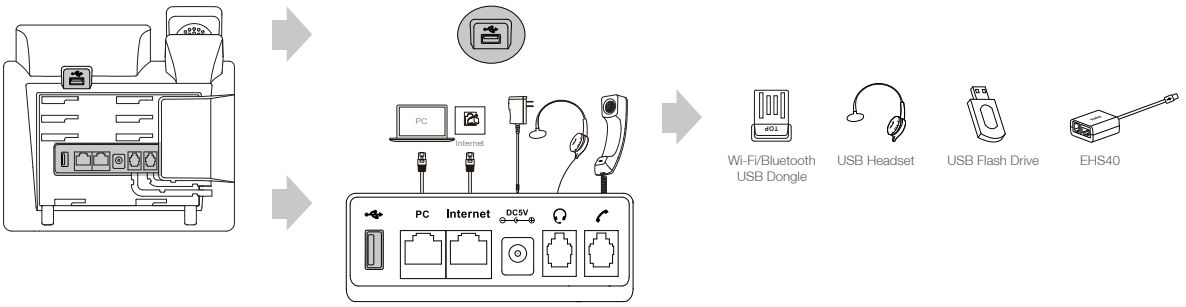
> Package content:
- Yealink SIP-T42U IP phone
- Handset with handset cord
- Ethernet Cable (2m CAT5E UTP Cable)
- Stand
- Quick Start Guide
- Power Adapter (Optional)
- Wall Mount Bracket (Optional)

> Qty/CTN: 5 PCS
> N.W/CTN: 5.8 kg
> G.W/CTN: 6.3 kg
> Giftbox size: 246 × 223 × 120 mm
> Carton Meas: 627 × 256 × 235 mm

Compliance

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

Connection



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 (Stock Code: 300628) is a global-leading provider of Unified Communication & Collaboration Solutions specialized in video conferencing, voice communications, and collaboration, dedicated to helping every person and organization embrace the power of "Easy Collaboration, High Productivity".

With best-in-class quality, innovative technology, and user-friendly experiences, Yealink is one of the best providers in more than 140 countries and regions, ranks No.1 in the global market share of IP Phone, and is the Top 5 leader in the video conferencing market (Frost & Sullivan, 2021).

For more information about Yealink, click here.

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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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