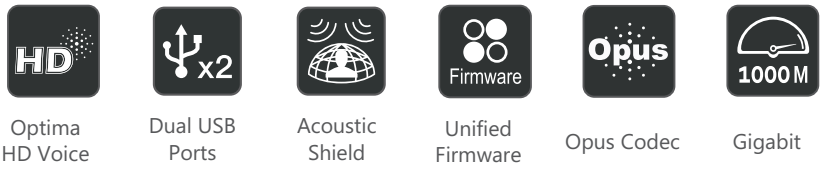
Yealink

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. Coming with plentiful built-in programmable keys, this 12-line IP phone guarantees the enhanced productivity. United Yealink Optima HD Voice technology and wideband codec of Opus, 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.



Optima HD Voice | Dual USB Ports | Acoustic Shield | Unified Firmware | Opus Codec | 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, 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 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. Moreover, it is carried with dual fimrware images that gives you a enterprise-level protection to avoid bricking your system once upgrade failed.

- 2.7" 192x64-pixel graphical LCD with backlight
- Dual USB ports
- Dual firmware images
- Opus codec support
- 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
- Stand with 2 adjustable angles
- Wall mountable

Specifications

Audio Features
> HD voice: HD handset, HD speaker
> Hearing aid compatible (HAC) handset
> Acoustic Shield
> Wideband codec: AMR-WB (optional), Opus, G.722
> Narrowband codec: AMR-NB (optional), 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
> 12 VoIP accounts
> One-touch speed dial, redial
> Call forward, call waiting, call transfer, call hold
> Call return, group listening, emergency call
> Mute, auto answer, DND, 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 earphone through BT40/BT41
- Contact synchronization through BT40/BT41
- Wi-Fi through WF40/WF50
- USB call recording through USB flash drive
- USB headset
- 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, 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 100~240V input and DC 5V/1.2A output
> USB output currency: 5V⎓ 500mA
> Power consumption (PSU): 0.9-2.2W
> Power consumption (PoE): 1.3-2.9W
> Dimension (W*D*H*T): 212mm*189mm*175mm*54mm
> Operating humidity: 10~95%
> Operating temperature: -10~50°C (+14~122°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-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: 246mm*223mm*120mm
> Carton Meas: 627mm*256mm*235mm

Compliance

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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