

Professional IP Phone Compatible with Microsoft® Skype for Business

The T42S is a feature-rich business tool for superior communications and extended functionality, which is ideal for common area use and for staff in the call center. It offers a faster, more-responsive interface than the T42G and several performance-enhancing functions.

The T42S with Yealink Optima HD Voice technology and SILK codec delivers superb audio quality and crystal clear voice communications. Meanwhile, it supports Conferencing, Boss/Admin, Common Area Phone, Calendar, Hot-desking and other productivity-enhancing functions. Its class2 PoE (power over Ethernet) helps to reduce its carbon footprint and its Gigabit Ethernet technology is built for rapid call handling. The model is wall-mountable and can be paired with Yealink YHS32 headset and other major brand headsets via the Yealink EHS36 Wireless Headset Adapter.



Optima
HD Voice



USB 2.0



HAC



Paperless



BT to E



Gigabit

Key Features and Benefits

Optima HD Voice

Yealink Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. As a speech codec for real-time, packet-based voice communications, SILK, is designed to perform a higher HD audio quality which provides scalability in several dimensions and is highly scalable in terms of audio bandwidth, network bit rate, and complexity. And its hearing aid compatible (HAC) handset helps the person who is with hearing loss to hear the voice more clearly.

Maximize Productivity

Yealink's T42S is fully compatible with Skype for Business online, on-premises and hybrid deployment, effectively extending the benefits of Microsoft® Skype for Business. Pin your favorite contacts directly to the home screen, visually arrange them as you like, and dial them easily with just a tap. The T42S lets users synchronize Outlook Calendar meeting schedules in real-time by simply clicking to join a meeting. Further outfitted with directory synchronization, visual voicemail management, Boss/Admin and more, it raises the bar for productivity to new heights. With an all-new USB port, the T42S boasts unparalleled functionality and expansibility with Bluetooth, Wi-Fi (pending) and USB recording (pending) features.

Effortless Deployment

Supporting Microsoft's Skype for Business Server in-band provisioning and in-band configuration management enables a carefree configuration and easier-than-ever mass deployment. Automatically deploy on a variety of servers- http, https, tftp and ftp, Yealink's T42S can even be pre-installed with Yealink's premium software for Skype for Business prior to shipping, meaning plug-and-play for customers immediately after unboxing. Furthermore, a unified firmware and auto-p 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.

- Optima HD Voice
- 2.7" 192 x 64-pixel backlit LCD
- SILK Speech Codec support
- USB 2.0
- Compatible with Office 365
- Calendar, Boss/Admin support
- Common Area Phone
- Meet Now
- QoE (monitoring reports)
- PoE support
- Headset, EHS support
- Wall mountable

Audio features

- Yealink Optima HD Voice : HD handset, HD speaker
- Full-duplex hands-free speakerphone with AEC
- Codecs: SILK, G.722, G.711 (A/μ), G.723, G.729AB, G.726, GSM, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- VAD, CNG, AEC, PLC, AJB, AGC

Directory

- Contacts synchronize with client
- View SFB contacts and their current presence status
- Support local contacts
- Support global search, compatible with exchange
- Smart dialing
- Call history: placed/received/missed/forwarded

Signing into Skype for Business

- Sign in: User Credentials/PIN Authentication
- Signing in via BToE
- Signing in via web user interface
- Web Sign-in
- Auto root certificate fetch

BToE features

- Click to call/Click to answer
- Audio device switch from IP Phone to PC
- Wireless pairing with PC client
- As a PC Audio device

Phone features

- Presence status synchronize with client
- Reset presence status, privacy mode
- Phone lock
- Favorite contacts sorting
- Favorite contacts click to call
- Call hold, call waiting, call merge, redial, mute
- Branch office support
- Group call pickup
- Music on hold
- Call forward, call transfer, call park
- SFB conferencing (Microsoft CCCP)
- Boss/Admin function
- Common Area Phone (CAP)

- Calendar function, Outlook meeting schedules synchronization
- Hot-desking, paging, hotline
- E911, Multiple Emergency Number
- Federation, response group, private line
- Ring tone, dial plan, visual voicemail
- Message waiting indicator (MWI)
- Volume adjustment
- USB port (2.0 compliant):
 - Bluetooth earphone through BT40,
 - Wi-Fi through WF40 (pending),
 - USB call recording through USB flash drive (pending)

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af) , class 2
- 1 x USB port (2.0 compliant)
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port

Display and indicator

- 2.7" 192 x 64-pixel graphical LCD with backlight
- LED for call and message waiting indication
- Multilingual user interface
- Caller ID with name, number
- Presence status control: available, busy, DND, be right back, off work, appear away

Network and security

- SIP v1 (RFC2543), v2 (RFC3261)
- IPv4/IPv6
- Proxy mode and peer-to-peer SIP link mode
- IP Assignment: Static/DHCP
- DNS 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)
- EWS authentication
- HTTPS certificate manager
- Digest authentication using MD5/MD5-sess
- IEEE802.1X

Management

- Configuration: browser/phone/Auto provisioning
- Yealink Redirection and Provisioning Service (RPS)
- Auto Provisioning via Activation Code
- In-band provisioning
- In-Band Configuration Management
- QoE (Monitoring Reports)
- Single identity (active directory)
- Media Bypass
- Firewall Traversal
- Reset to factory, reboot
- Package tracing export, system log
- Screenshot via URL
- Phone log click to upload
- View license status
- UnifySquare Device Management

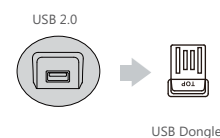
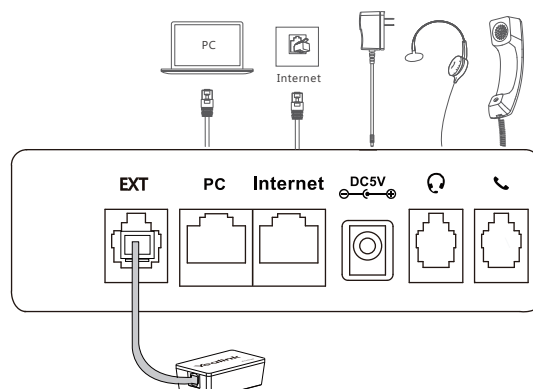
Other physical features

- External Yealink AC adapter (optional): AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.4-2.8W
- Power consumption (PoE): 2.1-3.9W
- Dimension (W*D*H*T): 212mm*189mm*175mm*54mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C (+14~122°F)

Package features

- Package content:
 - Yealink T42S Skype for Business 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





About Yealink

Yealink (Stock Code: 300628) is a global leading unified communication (UC) terminal solution provider that primarily offers video conferencing systems and voice communication solutions. Founded in 2001, Yealink leverages its independent research and development and innovation to pursue its core mission: "Easy collaboration, high productivity." The company's high-quality UC terminal solutions enhance the work efficiency and competitive advantages of its customers in over 100 countries. Yealink is the world's second-largest SIP phone provider and is number one in the China market.

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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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