

# Yealink

## T42S

Dual-port Gigabit Ethernet

2.7" greyscale graphical backlit LCD

HD Voice: HD Codec, HD speaker, HD handset

12 VoIP accounts, BLF/BLA, IPV6, Open VPN

T4S Unified firmware and auto-provisioning

Hearing Aid Compatible

USB 2.0



PoE

The stylish, feature-rich T42S entry level business phone is ideal for busy professionals. The clear display and simple navigation enhances productivity. The dual-port Gigabit Ethernet telephone benefits from an intuitive interface, BLF's, HD Voice, 3-way conferencing, handsfree speakerphone and supports corded or wireless headset and EHS. With simple, flexible and secure provisioning options, the T42S is certified compatible with 3CX, Asterisk and BroadSoft BroadWorks, making it the ideal entry level IP phone for businesses.

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# T42S

## T42S Accessories

**EHS36 Electronic Hookswitch Adapter**  
Enables support for Plantronics, Jabra and Sennheiser DECT cordless headsets



**YHS32 Headset**  
Lightweight over-the-head monaural headset



## Audio Features

- > HD voice: HD handset, HD speaker
- > Hearing aid compatible (HAC) handset
- > Wideband codec: Opus, G.722
- > Narrowband codec: 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
- > Mute, auto answer, DND
- > 3-way conference call
- > Direct IP call without SIP proxy
- > Ring tone selection/import/delete
- > Hotline, emergency call
- > Set date time manually or automatically
- > Dial plan, XML Browser, Action URL/URI
- > RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- > USB port (2.0 compliant): Bluetooth earphone through BT40 (pending), Wi-Fi through WF40 (pending), USB call recording through USB flash drive (pending)
- > 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

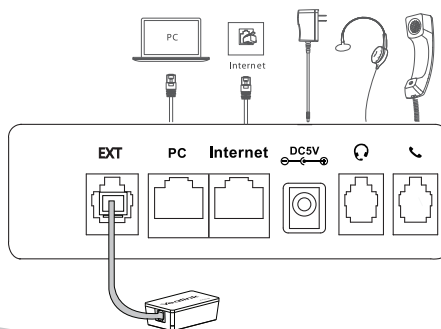
- > 2.7" 192x64-pixel graphical LCD with backlight
- > LED for call and message waiting indication
- > Dual-color (red or green) illuminated LEDs for line status information
- > Intuitive user interface with icons and soft keys
- > Multilingual user interface
- > Caller ID with name and number
- > Power 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

- > 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
- > 1 x RJ12 (6P6C) EHS port

## Other Physical Features

- > Stand with 2 adjustable angles
- > Wall mountable
- > External Yealink AC adapter (optional): AC 100~240V input and DC 5V/1.2A output
- > Power consumption (PSU): 1.69-5.0W
- > Power consumption (PoE): 2.47-12.5W
- > Dimension (W\*D\*H\*T): 212mm\*189mm\*175mm\*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
- > Zero-sp-touch, TR-069
- > Phone lock for personal privacy protection
- > Reset to factory, reboot
- > Package tracing export, system log

## Network and Security

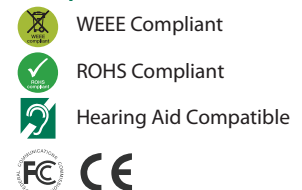
- > SIP v1 (RFC2543), v2 (RFC3261)
- > Call server redundancy supported
- > NAT traversal: STUN mode
- > Proxy mode and peer-to-peer SIP link mode
- > IP assignment: static/DHCP
- > HTTP/HTTPS web server

- > 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 using MD5/MD5-sess
- > OpenVPN, IEEE802.1X
- > IPv6
- > LLDP/CDP/DHCP VLAN
- > ICE

## Package Features

- > Package content:
  - Yealink SIP-T42S 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: 6.4 kg
- > G.W/CTN: 7.0 kg
- > Giftbox size: 246mm\*223mm\*120mm
- > Carton Meas: 627mm\*256mm\*235mm

## Compliance



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