Yealink T46U Specifications

Optima
HD Voice

Dual USB
Ports

Acoustic
Shield

Unified
Firmware

Gigabit

Expansion
Module

Opus Codec

Yealink T4U series has Zero Touch Provisioning which allows for effortless mass deployment because of Yealink's Redirection and Provisioning Service (RPS) and Boot mechanism. The lack of complex manual settings makes the T4U series quick and easy to set up, maintain and upgrade. It utilizes universal firmware and an auto-p template that apply to all T4U phone models. This simplifies management, which in turn saves time and money. Not to mention Yealink's Optima HD Voice technology that improves call acoustics even with poor network quality.

Key Features

- 4.3" 480 x 272-pixel color display with backlight
- Opus codec support
- Dual USB ports
- Dual firmware images
- T4U Auto-P template unified
- T4U 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

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
- 10-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: -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-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 REACH ISO 9001

broadsoft 3CX Genesys
metaswitch Asterisk Compatible