Yealink T46S

Gigabit desk phone
Ten-line desktop system with color LCD display

The phone has 10 lines for moderate to high call volume and HD voice with OPUS support for superior sound quality.

The phone has USB port support for Wi-Fi and USB recording features.

The Presence feature of this phone allows the user to monitor the in-use status of up to 14 other users. The intuitive user interface makes usability and navigation easy and requires minimal training.

Its two-port Gigabit Ethernet switch allows a single drop to the desktop for high-speed connection to both phone and computer.

Features and specifications

Lines

- Six lines for calls or use up to four for presence monitoring

Display

- Backlit with 4.3" 480 x 272-pixel color display

Headset and hearing aid compatibility

- Dedicated RJ-9 headset port
- Hearing aid compatibility ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B 1194.23 (all)

- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY adapter equipment

Audio features

- HD voice technology delivers lifelike voice quality for each audio path—handset, the hands-free speakerphone, and the optional headset[1]
- Frequency response—150 Hz–7 kHz for handset, optional headset, and hands-free speakerphone modes
- Codecs: G.711 (A-law and μ-law), G.729AB, OPUS (8KHz and 16kHz, G.722, G.722.1, iLBC
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC 2833 and in-band)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

Call handling features

- Six lines (programmable line keys)
- Busy lamp field (BLF)
- Distinctive incoming call treatment/ call waiting
- Call timer and call waiting
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way audio conferencing
- One-touch speed dial, redial
- Remote missed call notification
- Do-not-disturb function
- Electronic hook switch capable
- Local configurable digit map/dial plan

Other features

- Adjustable base height

Protocol support

- IETF SIP (RFC 3261 and companion RFCs)

Network and provisioning

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch
    - 10/100/1000 Base-TX across LAN and PC ports
    - Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
    - Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported
- QoS Support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP
- VLAN-CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
    - Network address translation (NAT) support for static configuration and "keep-alive" SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

Power

- Built-in auto sensing IEEE 802.3 at power over Ethernet (Class 2)
- External universal AC adaptor, 48VDC; 12W

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B

1. To enjoy all the benefits of HD voice when using the phone in the headset mode, you must use a wideband headset.

- EN55022 Class B
- CISPR22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- UAE TRA
- Australia A & C Tick

Safety

- UL 60950-1
- CE Mark
- CAN/CSA-C22.2 No. 60950-1
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1
- ICASA (add)
- CITC (add)

Operating conditions

- Temperature: +32 to 104°F (0 to 40°C)
- Relative humidity: 5% to 95%, noncondensing

Storage temperature

- -40 to +160°F (-40 to +70°C)

Package contents

- Yealink SIP-T46S IP phone
- Handset with handset cord
- Ethernet cable (2m CAT5E UTP cable)
- Stand
- Quick Start Guide

Box dimensions/weight

- Qty/CTN: 5 PCS
- N.W/CTN: 6.4 kg
- G.W/CTN: 7.0 kg
- Gift box size: 246mm*223mm*120mm
- Carton measure: 627mm*256mm*235mm

Country of origin

- China