

Yealink SIP T85W

Ultra Prime Business Phone to Deliver Optimum Desktop Productivity

Yealink



Adjustable Screen



Corded-Cordless Phone



Content Sharing



HD Audio



3W Speaker



Wi-Fi 6



Bluetooth 5.0



USB 2.0



Especially designed for busy executives and professionals, the Yealink T85W is a Prime Business Phone featuring an adjustable 5.5-inch color LCD screen for comfortable viewing. The hall switch handset creates a quieter office environment, and Yealink's self-developed AI noise cancellation ensures superior audio quality during calls. With ultra-high-definition sound and support for broadband audio codecs, it provides realistic audio call effects. The

built-in Bluetooth 5.0 and dual-band 2.4G/5G Wi-Fi 6 modules keep you updated with the latest technology. Running on a TEE hardware encryption solution, it offers secure storage. The T8X series enhances the Yealink ecosystem, compatible with more Yealink headsets, supporting configuration and upgrades through the LCD, and works with headsets featuring wearing detection for intelligent channel switching.

Key Features and Benefits:

- TEE hardware encryption solution
- Dual system function
- Unified firmware for T7X series (T73U, T73W, T74U, T74W, T77U), T85W, and T87W
- Up to 16 SIP accounts
- PoE support
- Support USB headset and EHS
- Built-in Bluetooth, WiFi
- Supports color-screen expansion modules
- One adjustable angle for desktop placement
- Wall mountable
- Handset with hall switch

Audio Features

- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Acoustic Shield
- Smart Noise Filtering
- Audio codec: AMR-WB (optional), G.722
- Narrowband codec: AMR-NB (optional), PCMU (G.711 μ), PCMA (G.711A), G.723.1, G.729, G.729A, G.729B, 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

User interface

- 5.5" 960 x 480 resolution screen
- 16 bit depth color
- 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, number, and photo

- Wallpaper
- Screensaver
- Supports both dark and light themes

Phone Features

- 16 VoIP accounts
- One-touch speed dial, hotline, mute, DND
- Call hold, call forward, call waiting, call transfer
- Group listening
- 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
- XML Browser, XML Push
- Custom DSS Key
- Accessibility features

Corded-Cordless Phone (via DECT Dongle DD10K)

- Up to 4 DECT cordless handsets
- Up to 4 concurrent calls
- Support Yealink W73H/W53H/W56H/W59R/DDPhone/CP930W
- Slave Handset for Master Deskset

Directory

- Local phonebook up to 1000 entries
- Blocklist
- XML/LDAP remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history: all records/dialed/received/missed/forwarded

IP-PBX Features

- Busy Lamp Field (BLF), Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Message Waiting Indicator (MWI)
- Voice messages, call parking
- Call pickup, intercom, multicast
- Music on hold
- Call recording, mobile office, chief assistant
- Server-based recording function
- Visual mailbox user interface

Feature keys

- 12 linekeys with LED buttons (up to 60 dsskeys, 5 pages)
- 4 touch buttons: message, headset, mute, pagination (mute/headset/pagination button with indicator light)
- 4 function keys: call hold, call transfer, redial, hands-free
- 2 volume adjustment buttons
- 6 navigation keys

Interface

- Dual-port Gigabit Ethernet
- 2 x USB port (Type-USB A, Type-USB C)
- - USB flash drive
- - Connecting a USB headset
- - Connecting to the color screen expansion station
- - Wireless Headset Adapter EHS40
- 1 x Security keyhole
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x 5V power port
- Dual USB ports (2.0 compliant)
- - Support Yealink Bluetooth headset BH71/BH71 Workstation/BH71 Workstation Pro/BH72/BH76/UH38 through BT51
- - DECT wireless headset (Yealink WH62 Portable/WH63 Portable)
- - USB call recording through USB flash drive
- - USB headset
- - Expansion Module EXP55
- - Wireless Headset Adapter EHS40
- USB/Bluetooth connectivity to Yealink CP900/CP700 speakerphone/wireless headset UH38, USB connectivity to Yealink wired headset UH34/UH36/UH37:
- - Basic functions: answer/end, call mute
- - Enhanced function: audio optimization, redial, call hold, volume synchronization, multiple call control

Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- 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
- Support Yealink Device Management Platform (YDMP/YMCS)

Network and Security

- Built-in Dual-Band Wi-Fi:
- - Network standard: IEEE802.11a/b/g/n/ac/ax
- - Frequency band: 2.4GHz/5.0GHz
- Built-in Bluetooth 5.0:
- - Connecting Bluetooth Headset

- - Connect your phone
- - Connect headphones and phone at the same time
- - Connect to PC as PC peripheral
- IPv4/IPv6
- 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
- Support SRTP protocol
- Support TLS1.3
- HTTPS Certificate Management
- Configuration file encryption (AES256)
- Supported authentication mechanisms: MD5/SHA1/SHA224/-SHA256/SHA384/SHA512
- OpenVPN, IEEE802.1X, L2TP VPN
- LLDP/CDP/DHCP VLAN
- ICE
- WPA2/WPA3
- Secure Boot
- GARP (Generic Attribute Registration Protocol)
- TEE hardware encryption solution

Other Physical Features

- Color: Classic Grey
- Wall mountable (optional)
- External Yealink AC adapter (optional): AC 100~240V input and DC 5V/2A output
- USB output current: 5V/1A
- Power consumption (PSU): 1.68 W-2.06 W
- Power consumption (PoE): 1.537 W-2.44 W
- Dimension (W*D*H*T): 258.73 mm*176.3 mm*224.38 mm*39.1 mm
- Operating humidity: 10 - 95%
- Operating temperature: -10 to 45°C (+14 to 113°F)
- Storage temperature: -30 to +70°C (-22 to +158°F)

Package Features

- Package content:
- - Yealink SIP-T85W 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: 3 PCS
- N.W/CTN: 4.154 kg
- G.W/CTN: 4.636 kg
- Giftbox size: 285 mm*253 mm*104 mm
- Carton Meas: 324 mm* 260 mm*300 mm

Compliance

