

## Yealink T85W Wi-Fi 6 VoIP/SIP Phone (T85W)



Product Name: Yealink T85W Wi-Fi 6 VoIP/SIP Phone (T85W)

Manufacturer: Yealink

Model Number: T85W

The Yealink T85W WiFi 6 VoIP/SIP Phone is a Prime Business Phone designed for busy executives and professionals, featuring an adjustable 5.5-inch colour LCD screen for comfortable viewing as well as built-in Bluetooth 5.0 and dual-band 2.4G/5G WiFi 6.

It uses a Hall switch handset for quiet operation in office environments, and Yealink's self-developed AI noise cancellation ensures superior audio quality during calls.

Ultra-high-definition sound and support for broadband audio codecs provides realistic call audio. Running on Linux 6.1 with a TEE hardware encryption solution, it offers secure storage. The T85W is also compatible with a wide range of Yealink headsets, supports configuration and upgrades through the LCD, and works with headsets featuring wearing detection for intelligent channel switching.

Yealink T85W Technical Specifications:

### Audio Features

- 1/2 HD voice: HD handset, HD speaker
- 1/2 Hearing aid compatible (HAC) handset
- 1/2 Acoustic Shield
- 1/2 Smart Noise Filtering
- 1/2 Audio codecs: AMR-WB (optional), G.722
- 1/2 Narrowband codec: AMR-NB (optional), PCMU (G.711&micro;), PCMA (G.711A), G.723.1, G.729, G.729A, G.729B, G.729AB, G.726, iLBC
- 1/2 DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- 1/2 Full-duplex hands-free speakerphone with AEC
- 1/2 VAD, CNG, AEC, PLC, AJB, AGC

### Display and Indicator

- 1/2 5.5" 960 x 480 resolution screen
- 1/2 16-bit depth colour
- 1/2 LED for call and message waiting indication
- 1/2 Dual-colour (red or green) illuminated LEDs for line status information
- 1/2 Intuitive user interface with icons and soft keys
- 1/2 Multilingual user interface
- 1/2 Caller ID with name, number, and photo
- 1/2 Wallpaper
- 1/2 Screensaver
- 1/2 Supports both dark and light themes

### Phone Features

- 1/2 16 VoIP accounts
- 1/2 One-touch speed dial, hotline, mute, DND
- 1/2 Call hold, call forward, call waiting, call transfer
- 1/2 Group listening
- 1/2 Emergency call
- 1/2 Redial, call return, auto answer
- 1/2 Direct IP call without SIP proxy
- 1/2 Ring tone selection/import/delete
- 1/2 Set date/time manually or automatically
- 1/2 Dial plan, XML Browser, action URL/URI

## Yealink T85W Wi-Fi 6 VoIP/SIP Phone (T85W)

- RTCP-XR
- XML Browser, XML Push
- Custom DSS Key
- Accessibility features

### Directory

- Local phone book with up to 1000 entries
- Blocklist
- XML/LDAP remote phone book
- Smart dialling
- Phonebook search/import/export
- Call history: All records/dialled/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 park
- 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 keys (up to 60 DSS keys, 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 control keys
- 6 navigation keys

### Interface

- Dual-port Gigabit Ethernet
- 2 x USB ports (Type-USB A, Type-USB C):
  - USB flash drive (not included)
  - Connecting a USB headset (sold separately)
  - Connecting to the colour screen expansion module (sold separately)
  - Wireless Headset Adapter EHS40 (sold separately)
- 1 x Security keyhole
- 1 x RJ9 (4P4C) handset interface
- 1 x RJ9 (4P4C) headset jack
- 1 x 5V power port
- Dual USB ports (2.0 compliant):
  - Supports Bluetooth headsets via BT51 (sold separately)
  - Supports connecting Yealink Bluetooth headset BH71/BH71 Workstation/BH71 Workstation Pro/BH72/BH76 via BT51 (sold separately)

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- DECT wireless headset (WH62 Portable/WH63 Portable - sold separately)
- USB call recording through USB flash drive (not included)
- USB headset (sold separately)
- Expansion module EXP55 (sold separately)
- Wireless Headset Adapter EHS40 (sold separately)

• Supports USB/Bluetooth connection to Yealink CP900/CP700 speakerphone/wireless headset UH38, and USB connectivity to Yealink wired headset UH34/UH36/UH37 (sold separately):

- Basic functions: answer/end/mute call
- Enhanced functions: audio optimisation/redial/call hold/volume synchronisation/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
- Supports Yealink Device Management Platform (YDMP/YMCS)

### Network and Security

- Built-in Dual-Band WiFi:
- Network standard: IEEE802.11a/b/g/n/ac/ax
- Frequency band: 2.4GHz/5.0GHz

### • Built-in Bluetooth 5.0:

- Connecting Bluetooth headset (sold separately)
- Connect your phone
- Connect the headphones and the phone at the same time
- Connect to PC as a PC peripheral

- IPv4/IPv6
- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy is 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 synchronisation using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP

## Yealink T85W Wi-Fi 6 VoIP/SIP Phone (T85W)

- Supports SRTP protocol
- Supports TLS1.3
- HTTPS certificate manager
- 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)
- Linux 6.1 version
- TEE hardware encryption solution

### Other Physical Features

- Colour: Classic Grey
- Wall mountable (bracket sold separately)
- External Yealink AC adapter (sold separately): AC 100~240V input and DC 5V/2A output
- USB output currency: 5V 1A
- Power consumption (PSU, sold separately): 1.8W-3.8W
- Power consumption (PoE): 2.3W-4.7W
- Dimensions (W\*D\*H\*T): 266 mm\*226 mm\*85 mm\*54 mm
- Operating humidity: 10 - 95%
- Operating temperature: -10 to 45&deg;C (+14 to 113&deg;F)
- Storage temperature: -30 to +70&deg;C (-22 to +158&deg;F)

### Package Contents

- 1 x Yealink T85W Phone
- 1 x 10W UK Power Supply
- 1 x Handset With Handset Cord
- 1 x Ethernet Cable (2m CAT5e UTP)
- 1 x Stand
- 1 x Quick Start Guide

**Price: Â£106.60**