

High-performance DECT IP base station for small and medium-sized businesses

- Up to 20 simultaneous calls
- Up to 10 DECT cordless handsets
- Up to 10 SIP accounts
- Support Opus audio codec
- Noise Reduction System
- TLS and SRTP security encryption
- No Perception Upgrade



Twenty
Simultaneous Calls



TLS & SRTP
Security Encryption



Backup System



Centralized
Deployment



The Yealink W70B is the DECT IP base station for small and medium-sized businesses. Paring with up to a total of 10 Yealink W73H/W76H/W59R/CP935W/color-screen DDPHONE (T54W+DD10K) DECT handsets, W70B allows you to enjoy superb mobility and efficient flexibility immediately as well as significantly eliminates additional wiring troubles and charges. A powerful chip ensuring a better and higher performance, this DECT IP base station not only supports up to 10 VoIP accounts and 20 simultaneous calls, but also speeds up its startup and signal connection, provides no perception upgrade, slashes its upgrade downtime as well.

Designed in modern and elegant style, this compact DECT IP base station possesses a wire-hidden design, presenting a concise and tidy desk to you even being mounted to the wall. By supporting Opus codec, Yealink W70B consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions, comparing with other wideband or narrowband audio codecs.

The Yealink W70B DECT IP base station supports efficient provisioning and effortless mass deployment with Yealink's Redirection and Provisioning Service (RPS) and Boot mechanism to help you realize the Zero Touch Provisioning without any complex manual settings, which makes it simple to deploy, easy to maintain and upgrade, saving even more time and IT costs for businesses.

- Supported the new endpoints W73H, W76H, CP935W, and can be perfectly compatible with W53H, W56H, W59R, color screen DDPHONE (T54W+DD10K). Due to the performance of the handset, only W73H, W76H and W59R support no perception upgrade.

DECT technology:

Yealink DECT technology is based on CAT-1q2.0, which focuses on high quality Audio VoIP (wideband), as well as low bit - rate data applications. But we are not compatible with any third-party DECT devices (base station, handset, etc.).

Phone Features

- Up to 20 simultaneous calls
- Up to 10 handsets
- Up to 10 SIP accounts
- Up to 6 repeaters per base station (RT30)
- No Perception Upgrade
- Paging/Intercom/Auto answer/Dial plan
- Call hold/Call transfer/Call waiting
- 3-way conference
- Switching between calls
- Mute/Silence/DND
- Caller ID with name and number
- Anonymous call/Anonymous call rejection
- Call forward: Always/Busy/No Answer
- Speed dial/Voicemail/Redial
- Message Waiting Indication (MWI)
- Music on hold (server-based)
- Local phonebook for up to 1000 entries (store in the base)
- Remote phonebook/LDAP/XML phonebook
- Phonebook search/import/export
- Call history: All/Missed/Placed/Received
- Direct IP call without SIP proxy
- Reset to factory, reboot
- Emergency call
- Broadsoft directory, BroadSoft call log
- Broadworks feature key synchronization
- Shared Call Appearance (SCA)
- Action URI
- XML browser

Management

- Auto-provision via TFTP/FTP/HTTP/HTTPS/RPS
- Auto-provision with PnP
- Handset upgrade: OTA (Over-The-Air)/No Perception

- Configuration: browser/phone/auto-provision
- Trace package and system log export

Audio Features

- Full-duplex speakerphone
- Hearing Aid Compatibility (HAC) compliant
- FNR (Noise Cancellation)
- Wideband codec: Opus, AMR-WB (optional), G.722
- Narrowband codec: PCMU, PCMA, G.726, G.729, G.729A, iLBC
- VAD, CNG, AGC, PLC, AJB
- AEC (supported by W53H)
- Support VQ-RTCPXR (RFC6035), RTCP-XR

Network Features

- SIP v1 (RFC2543), v2 (RFC3261)
- SNTP/NTP
- VLAN (802.1Q and 802.1P)
- 802.1x, LLDP
- STUN Client (NAT Traversal)
- UDP/TCP/TLS
- IP assignment: Static/DHCP
- Support outbound proxy server backup

Security

- Open VPN
- Transport Layer Security (TLS)
- HTTPS (server/client), SRTP (RFC3711)
- Digest authentication
- Secure configuration file via AES encryption
- Support SHA256/SHA512/SHA384
- Three-level configuration mode: Admin/Var/User

DECT

- Frequency bands:
1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)

- DECT Standards: CAT-iq2.0

Interface

- 1 x RJ45 10/100M Ethernet port
- Power over Ethernet (IEEE 802.3af), Class 1

Physical Features

- Indoor Range: 50m (in ideal conditions)
- Outdoor Range: 300m (in ideal conditions)
- Desktop or wall mountable
- Energy-saving ECO mode/ECO Mode+
- Three LED indicators on W70B:
 - 1 x Registration LED
 - 1 x Network Status LED
 - 1 x Power Indicator LED
- External Yealink AC adapter:
AC 100-240V Input and DC 5V/600mA Output
- Color:Classic Grey
- Base station size: 130mm x 100mm x 25.1mm
- Operating humidity: 10 ~ 95%
- Operating temperature: 0 ~ +40°C (+32~104°F)

Package Features

- Package contents:
 - W70B Base Station
 - Base Stand
 - Power Adapter
 - Ethernet Cable
 - Quick Start Guide
- Qty/CNT: 10 PCS
- Giftbox size:
- Carton meas:
- N.W:
- G.W:

Compliance



Yealink DECT Handset

- New modern commercial design, more compact and easy to carry
- 2.4" 240 x 320 TFT color screen with intuitive user interface
- Up to 21 hours talk time (in ideal conditions)
- Up to 166 hours standby time (in ideal conditions)
- Quick charging: 10-min charge time for 2-hour talk time
- HD voice and noise cancellation
- Headset connection via Bluetooth or 3.5 mm jack
- Vibration alarm guarantee you not to miss any call even in noisy situations
- Sturdy and reliable belt clip to move freely
- Flexibly meet demands in either single-cell or multi-cell solutions



HD Audio



Noise Cancellation



3.5mm Headset Jack



Belt Clip



Quick Charge



Built-in Bluetooth 5.1



Vibration Alarm



OTA Upgrade

Yealink W78H is the high-end stylish modern wireless handset designed for business use with a new ID design, which has a 2.4" screen and is more sleek, convenient to carry, durable. W78H can provide you with a crystal-clear audio experience, never miss any important information.

With W78H, you can enjoy maximum freedom and flexibility. You can choose a Bluetooth headset or wired headset on your demand, thanks to the Bluetooth 5.1 and a 3.5mm headset jack. Thanks to the vibration alarm, you are guaranteed not to miss any call, even in noisy and stressful situations.

Combining the benefits of wireless communication with the rich business features of Voice-over-IP telephony empowers users with convenient wireless communication, excellent speech quality, and encrypted call information by the reliable DECT encryption technology. Its graphical color display will provide you with a comfortable and joyful user experience for the all-day work.

W78H is perfectly compatible with Yealink W70B. The W78P system can support 10 handsets, 10 SIP accounts, and 20 simultaneous calls (2 calls per handset).

Also, W78H will be perfectly compatible with the W80/W90 multi-cell system, allowing you seamless roaming and handover of the calls and providing you with more options for your office expansion.

DECT technology:

Yealink DECT technology is based on CAT-iq2.0, which focuses on high quality Audio VoIP (wideband), as well as low bit - rate data applications. But we are not compatible with any third-party DECT devices (base station, handset, etc.).

Display

- 1.8" 128x160 TFT color screen
- Intuitive user interface with icons and soft keys
- Caller ID with name and number
- Notification Light: voice mail, missed call
- Date & time (manual/auto synchronization)
- Screen saver
- Multilingual user interface
- Keypad backlight

Phone Features

- Up to 2 simultaneous calls per handset
- Handset select for receiving call
- Handset and Number select for making call
- Auto intercom, auto answer
- 3-way conference
- Call forward: Always/Busy/No Answer
- DND
- Call waiting, mute, hold
- Call transfer
- Swap between calls
- Redial
- Speed dial
- Voice mail
- Silence
- Dial plan: Replace Rule/Area Code/Block Out
- Keypad lock, emergency call
- 100 phone book memory (store in the base)
- Remote phonebook, LDAP, XML phonebook
- Phonebook search, block list
- Call history: All/Placed/Missed/Received (up to 100 entries)

- Direct IP call without SIP proxy
- Reset to factory, reboot
- Anonymous call, Anonymous call rejection
- OTA (Over-The-Air) upgrade

Voice Features

- Full-duplex speakerphone
- HD audio
- Hearing Aid Compatibility (HAC) compliant
- Frequency response—100 Hz–7 kHz
- FNR (Flexible Noise Reduction)/Noise Cancellation
- Receiver volume control: 5 steps
- Ringer volume control: 5 steps+off
- 9 ringer melodies
- Multiple advisory tones
- Acoustic warning for low battery status
- DTMF

Physical Features

- Handset Size: 151.0 mm x 49.5 mm x 21 mm
- Handset Weight: 98g
- Color: Space Gray
- Battery: 1010 mAh, Lithium-ion, 3.7 V, 3.73 WH
 - Up to 21 hours of talk time (in ideal conditions)
 - Up to 166 hours of standby time (in ideal conditions)
- Headset jack (3.5 mm)
- Charger: DC 5V/0.6A Output
- Power Adapter:
 - Input: 100-240 V ~ 50/60 Hz, 0.2 A
 - Output: 5 V, 0.6 A

- Backlit keypad with 25 keys:
 - Standard ITU telephone keypad, 12 keys, 4x3, with star and pound key
 - 5 navigation keys (left, right, up, down, OK)
 - 2 softkeys
 - 6 function keys (Speaker, message, Off-hook, Cancel, TRAN, Mute)
 - 6 shortcut keys
- Operating humidity: 10 ~ 95%
- Operating temperature: -10 ~ +50°C (+14~122°F)
- Storage temperature: -30 ~ 70°C (-22 ~ 158°F)

DECT

- Frequency bands:
 - 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
- DECT Range:
 - Up to 50 meters indoor (in ideal conditions)
 - Up to 300 meters outdoor (in ideal conditions)
- DECT Standards: CAT-iq2.0

Package Features

- Package contents:
 - W78H Handset
 - Charger Cradle
 - Rechargeable Battery
 - Belt Clip
 - Power Adapter
- Qty/CNT: 20 PCS
- Giftbox size: 181mm x 104mm x 90mm
- Carton meas: 473mm x 443mm x 198mm
- N.W: 6.884kg
- G.W: 7.696kg

Compliance



About Yealink

Yealink (Stock Code: 300628) is a global brand that specializes in video conferencing, voice communications and collaboration solutions with best-in-class quality, innovative technology and user-friendly experience. As one of the best providers in more than 140 countries and regions, Yealink ranks No.1 in the global market share of SIP phone shipments (Global IP Desktop Phone Growth Excellence Leadership Award Report, Frost & Sullivan, 2019).

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