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

20	**TLS SRTP**	**⊕**	**AutoP°**
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-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.).

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

CE FC RoHS Compliant REACH ISO 9001 broadsoft 3CX Asterisk® Compatible metaswitch

Yealink

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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