Yealink W70B Datasheet

High-Performance DECT IP Base Station for Small and Medium-Sized Businesses

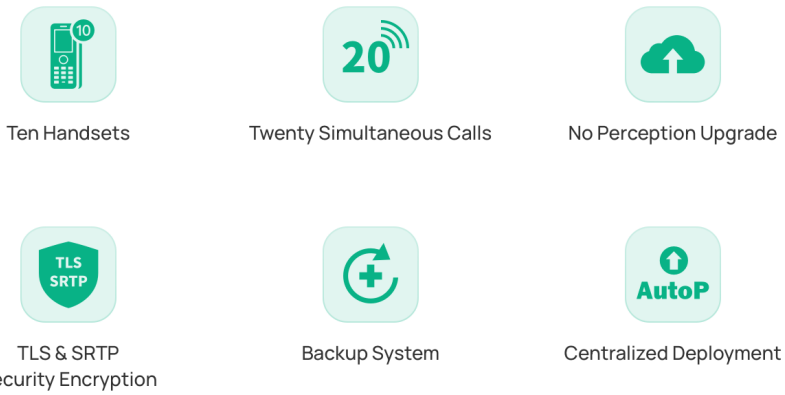
The Yealink W70B is the DECT IP base station for small and medium-sized businesses.

Paring with up to a total of 10 Yealink DECT handsets (W71H/W74H/W73H/W78H/W56H/W59R/W57R/ color screen DD Phone (T54W+DD10K)/CP930W/CP935W or WH62/WH63/WHM621 with Charging Cable/WHD622 with Charging Cable/WHM631 with Charging Cable headsets, W70B lets you immediately enjoy mobility and efficient flexibility and eliminates additional wiring troubles and charges.

A powerful chip ensures 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, and slashes its upgrade downtime as well.

Designed in a modern and elegant style, this compact DECT IP base station possesses a wire-hidden design, presenting a concise and tidy desk that you even be mounted to the wall.

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. They help you realize the Zero Touch Provisioning without any complex manual settings, making it simple to deploy, maintain, and upgrade, saving even more time and IT costs for businesses.





Key Features and Benefits

- Up to 20 simultaneous calls
- Up to 10 DECT cordless handsets or DECT headsets
- Up to 10 SIP accounts

- Noise Reduction System
- TLS and SRTP security encryption
- No Perception Upgrade (W73H, W78H, W57R and W59R)
- Support Push-to-Talk
- DECT technology: Yealink DECT focuses on high-quality Audio VoIP (wideband) and low-bitrate data applications. However, we are incompatible with third-party DECT devices (base station, handset, etc.).

Specifications

Specifications	Description
Phone Features	• Up to 20 simultaneous calls • Up to 10 handsets/DECT headsets • 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/Voice mail/Redial • Push-to-Talk • Message Waiting Indication (MWI) • Music on hold (server-based) • Local phonebook for up to 1000 entries (stored 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) • Configuration: browser/phone/auto-provision • Trace package and system log export
Audio Features	• Full-duplex speakerphone • Hearing Aid Compatibility (HAC) compliant • FNR (Flexible Noise Reduction)/Noise Cancellation • Wideband codec: AMR-WB (optional), G.722 • Narrowband codec: PCMU(G.711μ), PCMA(G.711A), 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 (TLS1.0/TLS1.2/TLS1.3) • L0TP VPN • HTTPS (server/client), SRTP (RFC3711) • Digest authentication • Secure configuration file via AES encryption • Support SHA256/SHA512/SHA384

DECT	• Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
Interface	• 1 x RJ45 10/100M Ethernet port • Power over Ethernet (IEEE 802.3af), Class 1
Physical Features	• Indoor range: 50 m (in ideal conditions) • Outdoor range: 300 m (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 100-240 V Input and DC 5 V/600 mA Output • Color: Classic Grey • Dimension: 130 mm x 100 mm x 25.1 mm • Operating humidity: 10-95% • Operating temperature: -10°C to +45°C (+14-113°F) • Storage temperature: - 30 to +70°C (-22 to +158 °F)
Package Features	• Package contents: - W70B Base Station - Base Stand - Ethernet Cable - Quick Start Guide - Power Adapter • Qty/CTN: 10 PCS • Giftbox size: 375 mm x 336 mm x 187 mm • Carton meas: 174 mm x 180 mm x 63 mm • N.W: 3.612 kg • G.W: 4.146 kg
Compliance	CE FC RoHS REACH ISO 9001 broadsoft 3CX Asterisk® Compatible metaswitch

Compatible Devices


Yealink