

Yealink W76P Datasheet

High-Performance DECT IP Phone System with User-Centric Design

The Yealink W76P, a high-performance SIP cordless phone system, is ideal for small and medium-sized businesses. Pairing with up to 10 Yealink W56H DECT handsets, it allows you to enjoy superb mobility and efficient flexibility immediately, and significantly eliminates additional wiring troubles and charges. To provide a better and higher performance, this DECT IP phone supports up to 10 VoIP accounts and 20 simultaneous calls and speeds up its startup and signal connection, slashing its upgrade downtime.

W76P consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions, compared with other wideband or narrowband audio codecs. Offering the convenience of cordless with a simple add-on device without losing the SIP features, it brings seamless call management for our users while "on-the-go". Owning more functions, lines, and mobility, it empowers users with the convenience of wireless communication and the widely accepted benefits and feature richness of Voice-over-IP telephony.

The Yealink DECT IP phone W76P 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.



Twenty
Simultaneous Calls



HD Audio



TLS & SRTP
Security Encryption



Backup System



Centralized
Deployment



Quick Charge



Long
Standby Time



Key Features and Benefits

- High-performance SIP cordless phone system
- 2.4" 240 x 320 color screen with intuitive user interface
- Up to 20 simultaneous calls

- Up to 10 DECT cordless handsets
- Up to 10 VoIP accounts
- W56H (V0-V3): Up to 30-hour talking time; up to 400-hour standby time (in ideal conditions)
- W56H (V4): Up to 30-hour talking time; up to 350-hour standby time (in ideal conditions)
- Quick charging: 10-minute charging time for 2-hour talking time
- TLS and SRTP security encryption
- Noise Reduction System
- Headset connection via 3.5 mm jack
- Charger wall mountable
- Energy-saving ECO features
- DECT technology: Yealink DECT technology focuses on high-quality Audio VoIP (wideband) and bit-rate data applications. However, we are incompatible with third-party DECT devices (base station, handset, etc.).

Specifications

Specifications	Description
Phone Features	<ul style="list-style-type: none">• Up to 20 simultaneous calls• Up to 10 handsets• Up to 10 SIP accounts• Up to 2 simultaneous calls per handset• Up to 6 repeaters per base station (RT30)• Handset selection for receiving a call• Handset and number selection for placing a call• Paging, intercom, auto answer, dial plan• Call hold, call transfer, 3-way conference• Switching between calls• Call waiting, 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• Message Waiting Indication (MWI)• Music on hold (server-based)

	<ul style="list-style-type: none"> • Local phonebook for up to 1000 entries (stored in the base) • Remote phonebook/LDAP/XML phonebook • Phonebook search/import/export • 100 call history per handset: All/Placed/Missed/Received • Direct IP call without SIP proxy • Reset to factory, reboot • Keypad lock, emergency call • BroadSoft directory, BroadSoft call log • Broadworks feature key synchronization • Shared Call Appearance (SCA) • XML browser • Action URI
Personalization	<ul style="list-style-type: none"> • 9 ringer melodies • Screen saver • Multilingual user interface
Management	<ul style="list-style-type: none"> • Auto-provision via TFTP/FTP/HTTP/HTTPS/RPS • Auto-provision with PnP • Handset upgrade: OTA (Over-The-Air)/ No Perception Upgrade • Configuration: browser/phone/auto-provision • Trace package and system log export
Audio Features	<ul style="list-style-type: none"> • Full-duplex speakerphone • Hearing Aid Compatibility (HAC) compliant • Receiver volume control: 5 steps • Ringer volume control: 5 steps+off • Multiple advisory tones • Acoustic warning for low battery status • DTMF • Wideband codec: AMR-WB (optional), G.722 • Narrowband codec: PCMU, PCMA, G.726, G.729, G.729A, iLBC • VAD, CNG, AGC, PLC, AJB • AEC (supported by W56H) • Support VQ-RTCPXR (RFC6035), RTCP-XR
Network Features	<ul style="list-style-type: none"> • SIP v1 (RFC2543), v2 (RFC3261)

	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
Interface	<ul style="list-style-type: none"> • 1 x RJ45 10/100M Ethernet port • Power over Ethernet (IEEE 802.3af), Class 1
Physical Features	<ul style="list-style-type: none"> • Indoor Range: 50 m (in ideal conditions) • Outdoor Range: 300 m (in ideal conditions) • Battery of W56H (V0-V3): <ul style="list-style-type: none"> - 1460 mAh, Lithium-ion, 3.7 V, 5.4 WH - Up to 30 hours of talk time (in ideal conditions) - Up to 400 hours of standby time (in ideal conditions) • Battery of W56H (V4): <ul style="list-style-type: none"> - 3 × 3.7 V 350 mAh (1.295 Wh), Lithium-ion - Up to 30 hours of talk time (in ideal conditions) - Up to 350 hours of standby time (in ideal conditions) • 2.4" 240x320 pixels color display • Desktop or wall mountable • LCD backlight, key backlight • Energy-saving ECO mode/ECO Mode+ • 12-key numerical keypad, 5 navigation keys, 2 softkeys, 6 function keys, 6 shortcut keys

	<ul style="list-style-type: none"> • Three LED indicators on W70B: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - Handset: Alabaster Silver - Base: Classic Grey • Handset size: 175 mm x 53 mm x 20.3 mm • Base station size: 130 mm x 100 mm x 25.1 mm • Operating humidity: 10-95% • Handset operating temperature: 0 to 40°C (+32 to 104°F) • Handset/Base station storage temperature: -30 to 70°C (-22 to 158°F) • Base station operating temperature: -10 to +45°C (+14 to 113 °F)
Package Features	<ul style="list-style-type: none"> • Package contents: <ul style="list-style-type: none"> - W56H Handset - W70B Base Station - Charger Cradle - Rechargeable Battery - Base Stand - Ethernet Cable - Belt Clip - Quick Start Guide - Two Power Adapters • Qty/CTN: 10 PCS • Giftbox size: 495 mm x 406 mm x 223 mm • Carton meas: 205 mm x 196 mm x 95 mm • N.W: 7.5 kg • G.W: 8.3 kg
Compliance	        

[Click here](#) to go to the product introduction on the Yealink official website.