

## Yealink DECT IP Phone

- High-performance SIP cordless phone system
- 1.8" 128 x 160 TFT color screen with intuitive user interface
- Ruggedized DECT handset with IP54 protection rating
- Up to 20 simultaneous calls
- Up to 10 DECT cordless handsets
- Up to 10 SIP accounts
- Support Opus audio codec
- Noise Reduction System
- FNR (Flexible Noise Reduction)/Noise Cancellation
- Up to 40-hour talk time
- Up to 575-hour standby time
- Quick charge: 10-minute charging time for 2-hour talk time
- TLS and SRTP security encryption
- Vibration alarm guarantees you not to miss any call even in noisy situations
- Wall mountable charger



Twenty Simultaneous Calls	IP54	HD Audio	TLS & SRTP Security Encryption	Backup System
Centralized Deployment	Quick Charge	Vibration Alarm	OTA Upgrade	Long Standby Time

The Yealink W77P, a high-performance ruggedized SIP cordless phone system that can register 10 Yealink DECT W57R handsets, is the ideal solution for stressful situations. It features more functions, lines, and mobility. It supports up to 10 SIP accounts and 20 simultaneous calls, improving signal strength and responsiveness to provide a stable and good experience for your mobile communications. What's more, W57R can secure itself from a fall of up to 3.5 meters, water splash in any direction, and dust ingress. Thanks to the vibration alarm, you are guaranteed not to miss any calls, even in noisy and stressful situations.

You can enjoy crystal-clear voice calls because of the new Noise Cancellation technology. By supporting the Opus codec, W77P consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions. It brings seamless call management for you by combining DECT technology with SIP capabilities, and you can also talk on the phone while walking. You can enjoy the convenience of wireless communication anytime, anywhere, and the extensive benefits and rich features of IP voice phones.

The Yealink DECT IP Phone W77P 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. This makes it simple to deploy and easy to maintain and upgrade, saving even more time and IT costs for businesses.

- Up to 10 DECT cordless handsets and 10 SIP accounts
- Up to 20 simultaneous calls to ensure that each handset can make two calls
- Maximum DECT radio coverage: 50 meters indoors, 300 meters outdoors
- Energy-saving ECO features

### DECT technology:

Yealink DECT technology is based on CAT-iq2.0, which focuses on high-quality Audio VoIP (wideband), and low bit-rate data applications. However, 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 2 simultaneous calls per handset
- Up to 6 repeaters per base station (RT30)
- Vibration alarm
- Alarm functions: push-button/no-movement/mandown/running
- Handset selection for receiving call
- Handset and number selection for placing 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/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
- 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

- 9 ringer melodies
- Screen saver
- Multilingual user interface

### Management

- 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

- Full-duplex speakerphone
- Hearing Aid Compatibility (HAC) compliant
- FNR (Flexible Noise Reduction)/Noise Cancellation
- Receiver volume control: 5 steps
- Ringer volume control: 5 steps+off
- Multiple advisory tones
- Acoustic warning for low battery status
- DTMF
- 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
- 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 10/100 M Ethernet port
- Power over Ethernet (IEEE 802.3af), Class 1

### Physical Features

- Indoor Range: 50 meters (in ideal conditions)

- Outdoor Range: 300 meters (in ideal conditions)
- Battery: 1460 mAh, Lithium-ion, 3.7 V, 5.4 WH
  - Up to 40-hour of talk time
  - Up to 575-hour of standby time
- 1.8" 128 x 160-pixel TFT color display
- Desktop or wall mountable
- LCD backlight, key backlight
- Energy-saving ECO mode/ECO Mode+
- Backlit keypad with 25 keys:
  - Standard ITU telephone keypad, 12 keys, 4 x 3, with star and pound/hash key
  - 5 navigation keys (left, right, up, down, OK)
  - 2 softkeys
  - 6 function keys (Speaker, message, Off-hook, Cancel, TRAN, Mute)
  - 3 side keys (volume up/down, alarm)
  - 6 shortcut keys
- 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: Handset: Black ; Base: Classic Grey
- Handset size: 157 mm x 51 mm x 24 mm
- Base station size: 130 mm x 100 mm x 25.1 mm
- Operating humidity: 10%-95%
- Handset operating temperature: - 10 to +50°C (+14-122°F)
- Handset storage temperature: - 30 to +70°C (-22 to 158°F)
- Base station operating temperature: 0-40°C (+32-104°F)

### Package Features

- Package contents:
  - W57R Handset with Belt Clip
  - W70B Base Station
  - Base Stand
  - Charger Cradle
  - Two Power Adapters
  - Ethernet Cable
  - Rechargeable Battery
  - Decorative Cover
  - Quick Start Guide
- Qty/CNT: 10 PCS
- Giftbox size: 205 mm x 182 mm x 95 mm
- Carton meas: 502 mm x 378 mm x 215 mm
- N.W: 7.456 Kg
- G.W: 8.136 Kg

### 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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