Yealink

W53P

Yealink DECT IP Phone

- High-performance SIP cordless phone system
- 1.8" 128 x 160 TFT color screen with intuitive user interface
- Up to 8 concurrent calls
- Up to 8 DECT cordless handsets
- Up to 8 SIP accounts
- Support Opus audio codec
- Up to 18-hour talk time (in ideal conditions)
- Up to 200-hour standby time (in ideal conditions)
- Quick charging: 10-min charge time for 2-hour talk time
- TLS and SRTP security encryption
- Noise Reduction System
- Headset connection via 3.5 mm jack
- Charger wall mountable

Eight Concurrent Calls

TLS & SRTP security encryption

Backup System

Centralized Deployment

Quick Charge

Long Standby Time

The Yealink W53P, being a high-performance SIP cordless phone system, is the ideal solution for small and medium-sized businesses. Paring with up to a total of 8 Yealink W53H DECT handsets, it allows you to enjoy superb mobility and efficient flexibility immediately as well as significantly eliminates additional wiring troubles and charges. To provide a better and higher performance, this DECT IP phone not only supports up to 8 SIP accounts and 8 concurrent calls, but also speeds up its startup and signal connection, slashes its upgrade downtime as well.

By supporting Opus codec, W53P consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions, comparing 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 a 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 along with the widely accepted benefits and feature richness of Voice-over-IP telephony.

The Yealink DECT IP phone W53P 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.

- Up to 8 DECT cordless handsets per base depending on your needs
- DECT radio coverage up to 50m indoors and 300m outdoors
- Energy-saving ECO features

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.).

W53P Specifications

Phone Features

> Up to 8 simultaneous calls
> Up to 8 handsets
> Up to 8 SIP accounts
> Up to 2 simultaneous calls per handset
> Up to 5 repeaters per base station (RT20/RT20U)
> Up to 6 repeaters per base station (RT30)
> 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 800 entries (store in the base)
> Remote phonebook/LDAP
> Phonebook search/import/export
> Call history (all/missed/placed/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)

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)/USB port
> Configuration: browser/phone/auto-provision
> Trace package and system log export

Audio Features

> 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: Opus, AMR-WB (optional), G.722
> Narrowband codec: PCMU, PCMA, G.726, G.729, 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, PPPoE
> 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
> Headset jack (3.5 mm)

Physical Features

> Indoor Range: 50m (in ideal conditions)
> Outdoor Range: 300m (in ideal conditions)
> Standby Time: 200 hours (in ideal conditions)
> Talk Time: 18 hours (in ideal conditions)
> 1.8" 128 x 160-pixel TFT 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
> Three LED indicators on W60B:
- 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: Alabaster Silver; Base: Classic Grey
> Phone size: 150mm x 48.4mm x 25mm
> Base station size: 130mm x 100mm x 25.1mm
> Operating humidity: 10~95%
> Operating temperature: 0~+40°C (+32~104°F)

Package Features

> Package content:
- W53H Handset
- W60B Base Station
- Base Stand
- Charger Cradle
- Two Power Adapters
- Ethernet Cable
- Belt Clip
- Rechargeable Battery
- Quick Start Guide
- Handset Protective Case (Optional)
> Qty/CNT: 10 PCS
> Giftbox size: 205mm*176mm*95mm
> Carton meas: 502mm* 362mm*211mm
> N.W: 6.9 kg
> G.W: 7.5 kg

Compliance

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

About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

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Technical Support

Visit Yealink WIKI (http://support.yealink.com/) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (https://ticket.yealink.com) to submit all your technical issues.

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