Flexible VoIP solution for small businesses

· Exceptional HD sound with wideband technology

· Up to 4 simultaneous external calls

· Up to 2 simultaneous calls per handset

· Up to 5 DECT cordless handsets

· Up to 5 VoIP accounts

· 1.8" color display with intuitive user interface

· 5~10 hours talk time, 100 hours standby time

· Integrated PoE（Class 1）

· Desktop or wall mountable
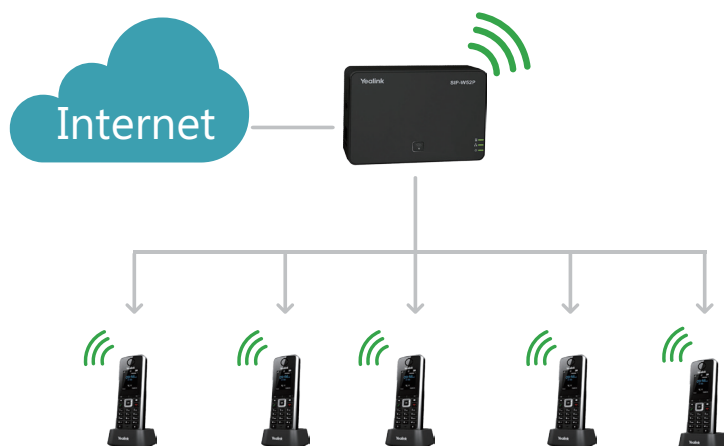
HD Voice   Up to 5 users   4 simultaneous calls

Yealink W52P is a SIP Cordless Phone System designed for small business and SoHo who are looking for immediate cost saving but scalable SIP-based mobile communications system.

Combining the benefits of wireless communication with rich business features of Voice over IP telephony, User can benefit from freedom of movement, lifelike voice communications, multi-tasking convenience, professional features like intercom, transfer, call forward, 3-way conferencing, PoE, etc.

This system works with widely-known Broadsoft, Asterisk, 3CX and supports quick and easy configuration.

· Up to 5 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.).

Internet

Phone Features

· Up to 4 simultaneous calls
· Up to 2 simultaneous calls per handset
· Up to 5 handsets
· Up to 5 VoIP accounts
· Handset select for receiving call
· Handset and Number select for making call
· Paging, Intercom, Auto answer
· Call hold, Call transfer
· Three-way conferencing
· Switching between calls
· Call waiting, Mute, DND
· Caller ID display, Redial
· Anonymous call, anonymous call rejection
· Call forward (always/busy/no answer)
· Speed dial, Voicemail, Silence
· Message Waiting Indication (MWI)
· Local phonebook for up to 500 entries
  (store in the base)
· Remote phonebook
· Phonebook search/import/export
· Call history (outgoing/missed/accepted)
· Direct IP call without SIP proxy
· Reset to factory, Reboot
· Keypad lock, Emergency call
· Dial Plan
· Music on hold (server-based)
· Broadsoft directory, BroadSoft Call Log
· Broadworks feature key synchronization
· Shared Call Appearance (SCA)

Personalization

· 9 ringer melodies
· Screen saver, two kind of color schemes
· Multi-language support

Management

· Auto-provision via FTP/TFTP/HTTP/HTTPS
· Auto-provision with PnP
· Handset upgrade:
  OTA (Over-The-Air)/USB port
· Configuration:
  browser/phone/auto-provision
· Trace package and system log export

Voice and Codecs Features

· Full-duplex speakerphone
· Receiver volume control: 5 steps
· Ringer volume control: 5 steps+off
· Multiple advisory tones
· Acoustic warning for low battery status
· DTMF
· Wideband codec: G.722
· Narrowband codec:
  G.711µ/A, G.723, G.726, G.729, iLBC
· VAD, CNG, PLC, AJB
· AEC (supported by W52H)
· 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 (supported by V73 and V80 version)
· STUN Client (NAT Traversal)
· UDP, TCP
· IP assignment: static/DHCP

Security

· Open VPN
· Transport Layer Security (TLS)
· HTTPS (server/client)
· SRTP (RFC3711)
· Digest authentication
· Secure configuration file via AES
  encryption
· Admin/Var/User 3-level configuration
  mode

DECT

· Frequency bands:
  1880 – 1900 MHz (Europe),
  1920 – 1930 MHz (US)
· DECT Standards: CAT-iq2.0

Connectors

· 1 x RJ45 10/100M Ethernet port
· Power over Ethernet (IEEE 802.3af), Class 2
· Headset jack (2.5 mm)

Physical Features

· Indoor Range: 20m~50m
  (The ideal distance is 50m)
· Outdoor Range: 300m (In ideal conditions)
· Standby Time: 100h (In ideal conditions)
· Talk Time: 5~10h (The ideal talk time is 10h)
· 1.8'' 128x160 pixels color display
· Desktop or wall mountable
· LCD backlit, key backlit
· Energy-saving ECO mode/ECO Mode+
· 12 key numerical keypad, 5 navigation keys
  2 softkeys, 6 function keys, 6 shortcut keys
· 3 LEDs on Base:
  1 x power, 1 x Network, 1 x Call
· Base station: DC 5V/600mA Output
· Charger: DC 5V/600mA Output
· Color:
  Handset: Alabaster Silver; Base: Classic Grey
· Phone size: 144mm x 50mm x 24mm
· Base station size:
  153.5mm x 108.5mm x 45mm
· Operating humidity: 10 ~ 95%
· Operating temperature: 0 ~ +40°C

Package Features

· Package content:
  - W52H Handset
  - Base Station
  - Charger Cradle
  - Two Power Adapters (one is optional)
  - Belt Clip
  - Ethernet Cable
  - Two Rechargeable Batteries
  - Quick Start Guide
· Qty/CNT: 10pcs
· Giftbox size: 214mm*200mm*101mm
· Carton meas: 529mm*410mm*223mm
· N.W: 7.4 kg
· G.W: 8.1 kg

Special Features

· Increase range with up to 5 repeaters

Yealink Base for W52P&W56P Compatibility

Handset	Base Firmware Version	Base for W52P&W56P V81 version
W56H	V81 version	Fully compatible
	V83 version	Fully compatible
W53H	V83 version	Basically compatible
W52H	V81 version	Fully compatible
CP930W	V83 version	Not Support
DD Phone	V82/V84 version	Not Support
RT20	——	Fully compatible
RT30	——	Fully compatible All features except cascade

💡 **Fully compatible + All features (highly recommended):** The firmware of handset matches with the base's and always keeps up to date.

💡 **Fully compatible (recommended):** The firmware of handset matches with the base's but not the latest one, so not all features are supported.

💡 **Partly compatible:** The firmware of handset does not match with the base's, and the features added in the new firmware version are not supported.

💡 **Basically compatible:** Old handset with new base or new handset with old base guarantees the basic features only.

💡 It is not allowed to use RT20 & RT30 on same base.