



Yealink DECT IP Base Station User Guide

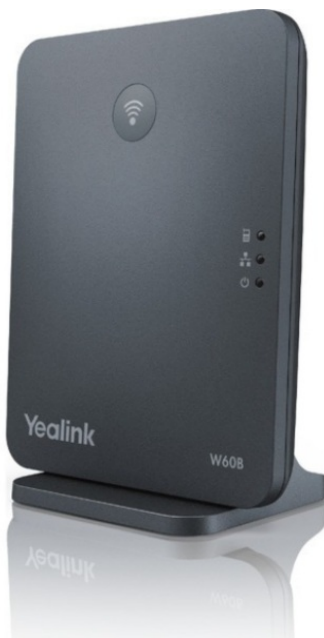
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Yealink

Yealink DECT IP Base Station



High-performance DECT IP base station for small and medium-sized businesses

- Up to 8 concurrent calls
- Up to 8 DECT cordless handsets
- Up to 8 VoIP accounts
- Support Opus audio codec
- TLS and SRTP security encryption
- Noise Reduction System



Eight
Concurrent Calls



TLS & SRTP
security encryption



Backup System



Centralized
Deployment

The Yealink W60B is the DECT IP base station for small and medium-sized businesses. Paring with up to a total of 8 Yealink W52H/W53H/W56H DECT handsets, W60B allows you to enjoy superb mobility and efficient flexibility immediately as well as significantly eliminates additional wiring troubles and charges. A powerful chip ensuring a better and higher performance, this DECT IP base station not only supports up to 8 VoIP accounts and 8 concurrent calls, but also speeds up its startup and signal connection, slashes its upgrade downtime as well.

Designed in modern and elegant style, this compact DECT IP base station possesses a wire-hidden design, presenting a concise and tidy desk to you even being mounted to the wall. By supporting Opus codec, Yealink W60B consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions, comparing with other wideband or narrowband audio codecs.

The Yealink W60B DECT IP base station 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.).

Phone Features

- Up to 8 concurrent calls
- Up to 8 handsets
- Up to 8 VoIP accounts
- Up to 5 repeaters per base station (RT20/RT20U)
- Up to 6 repeaters per base station (RT30)
- Paging, intercom, auto answer
- Call hold, call transfer, call waiting
- Three-way conference
- Switching between calls
- Mute, silence, DND
- Caller ID with name and number
- Redial
- Anonymous call
- Anonymous call rejection
- Call forward (always/busy/no answer)
- Speed dial
- Voicemail
- Message Waiting Indication (MWI)
- Local phonebook for up to 800 entries (store in the base)
- Remote phonebook/LDAP
- Phonebook search/import/export
- Call history (all/misplaced/placed/received)
- Direct IP call without SIP proxy
- Reset to factory, reboot
- Emergency call
- Dial plan
- Music on hold (server-based)
- Broadsoft directory
- BroadSoft call log
- Broadworks feature key synchronization
- Shared Call Appearance (SCA)

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

- Wideband codec: Opus, AMR-WB (optional), G.722
- Narrowband codec: AMR-NB (optional), PCMU, PCMA, G.726, G.729, iLBC
- VAD, CNG, AGC, PLC, AJB
- 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 10/100M Ethernet port
- Power over Ethernet (IEEE 802.3af), Class 1

Physical Features

- Indoor Range: 20m~50m (The ideal distance is 50m)
- Outdoor Range: 300m (in ideal conditions)
- Desktop or wall mountable
- Energy-saving ECO mode/ECO Mode+
- 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: Classic Grey
- Dimension (W*D*H): 130mm x 100mm x 25.1mm
- Operating humidity: 10~95%
- Operating temperature: 0~+40°C (+32~104°F)

Package Features

- Package content:
 - W60B Base Station
 - Base Stand
 - Power Adapter
 - Ethernet Cable
 - Quick Start Guide
- Qty/CNT: 10 PCS
- Giftbox size: 205mm*196mm*95mm
- Carton meas: 512mm*414mm*213mm
- N.W: 3.6 kg
- G.W: 4.3 kg



Yealink W60B Base Station Compatibility

Base		W60B	
Handset	Firmware Version	V81 version	V83 version
W56H	V81 version	Fully compatible	Partly compatible
	V83 version	Fully compatible	Fully compatible All features
W53H	V83 version	Basically compatible	Fully compatible All features
W52H	V81 version	Partly compatible	Partly compatible
CP930W	V83 version	Not Support	Fully compatible
DD Phone	V82/V84 version	Fully compatible	Fully compatible
RT20	——	Basically compatible	Basically compatible
RT30	——	Fully compatible All features	Fully compatible All features

- 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.

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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Documents / Resources

	<p>Yealink DECT IP Base Station [pdf] User Guide DECT IP Base Station, W60B</p>
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References

- [Yealink Support](#)
- [Yealink | UC & C Terminal, Video Collaboration, Conference Phone, IP Phone, Headsets & Video Conferencing](#)
- [Yealink Ticket](#)