

Yealink Cordless IP Multi-Cell DECT Manager (W80DM)



Product Name: Yealink Cordless IP Multi-Cell DECT Manager (W80DM)

Manufacturer: Yealink

Model Number: W80DM

Please Note: This product requires the Yealink Cordless DECT IP Multi-Cell Base Station (W80B) to work.

Please Note: This product is compatible with Zoom.

Yealink Cordless IP Multi-Cell DECT Manager (W80DM)

The Yealink W80DM is a DECT Manager that works with the W80B Base Station for a complete DECT IP multi-cell phone system (W80) for organisations who require wireless coverage that's easy to deploy. The Yealink W80 DECT multi-cell system is an extremely scalable and reliable solution for organisations of any size.

Yealink W80 Key Features

- Seamless handover and roaming
- Up to 100 parallel calls
- Up to 30 base stations
- Up to 100 handsets
- Up to 100 SIP accounts
- Support LDAP/Remote Phonebook
- Support Xsi Directory
- DECT radio coverage up to 50m indoors and 300m outdoors
- 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.).
- Support Opus
- Support PoE
- Compatible with Yealink W56H/W53H (version x.83.0.20 or later)

The system supports up to 100 handsets and 100 simultaneous calls, this solution not only ensures one call in each handset, but also allows you to get rid of the limited wireless coverage of only one base station. Meanwhile, the system works with Yealink W53H and W56H handsets with seamless roaming and handover of calls, making freely mobile communication in and between each zone achievable. The Yealink W80BDM and the W80B feature a modern, compact design as well as Yealink HD voice quality, which comes with the full-duplex technology and Opus, giving users an excellent audio experience.

Security & Stability Based on Yealink DECT technology, W80 system provides you with both the stable call and the seamless roaming and handover. Wireless data transmission over-the-air is ensured by the DECT encryption. At the same time, TLS and SRTP play a pivotal role in secure SIP communication. Pack Yealink W80B with the powerful Grayscale Upgrade feature, when you perform upgrade for one handset, other handsets are free from this process and the whole system still runs safely.

Advanced DECT Contacts When a call is coming, the receiver can obtain the caller information, including the caller number and caller name, from the phone screen easily and clearly.

Compatibility with several PBX platforms makes contacts from different platforms reachable on the Yealink W80B e.g. Xsi directory and XML contacts. LDAP and Remote Phonebook are also available on the W80B.

Efficient Provisioning & Unified Management The W80 inherits the Yealink powerful Auto-p mechanism from W60B, allowing the efficient provisioning and effortless mass deployment to be simply implemented via Yealink's Redirection and Provisioning Service (RPS) and auto

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provisioning. You can also configure and manage the entire multi-cell system on the DECT Manager web portal, making the deployment, maintenance and upgrade trouble-free as well as saving time and IT costs.

Easy Setup and Deployment In the multicast network, administrators profit from zero touch provisioning that the system is established as soon as the base station is powered on and connected to the network. If you are in a non-multicast network environment, obtaining the IP address of the base station from the handset directly helps you set up the system faster and easier. To quickly identify the right position for any of the W80B base stations, try the Yealink Deployment ToolKit.

All in One Yealink W80B combines the base station and the DECT Manager together, no extra hardware and no extra firmware, simply toggle the operation modes to switch the W80B between base station and DECT Manager seamlessly and flexibly.

[Yealink W80 - Technical Specifications](#)

[Phone Features](#)

- Sync over the air
- Up to 100 simultaneous calls
- Up to 30 base stations
- Up to 8 WB (4 active handsets) calls per base
- Up to 8 NB calls per base
- Up to 100 handsets
- Up to 100 VoIP accounts
- Up to 2 simultaneous calls per handset
- 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 100 entries per handset
- Remote phonebook/LDAP
- Phonebook search/import/export
- Call history (all/missed/placed/received)
- Reset to factory, reboot
- Keypad lock, emergency call
- Broadsoft directory, BroadSoft call log
- Broadworks feature key synchronisation
- 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](#)

- Full-duplex speakerphone
- Hearing Aid Compatibility (HAC) compliant
- DTMF

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- 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

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
- Digest authentication
- Secure configuration file via AES encryption
- Support SHA256/SHA512/SHA384

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)
- Wall mountable
- Three LED indicators on W80B: - 1 x DECT LED - 1 x Role LED - 1 x LAN (Power Indicator & Network Status) LED
- External Yealink AC adapter: AC 100-240V Input and DC 5V/1.2A Output
- Colour: Pearl White
- Dimension: 130 mm x 100 mm x 25.1 mm
- Operating humidity: 10~95%
- Operating temperature: 0~+40°C (+32~104°F)

Package Features

- Package content: - W80DM Dect Manager - Expansion Screws - Quick Start Guide - Power Adapter (optional)
- Qty/CNT: 10 PCS
- Giftbox size: 174 mm x 180 mm x 63 mm
- Carton meas: 375 mm x 336 mm x 187 mm
- N.W: 2.56 kg

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1½ G.W: 3.13 kg

Price: £182.80

Options available for Yealink Cordless IP Multi-Cell DECT Manager (W80DM) :

Power Supply Required?

Not Required, [PSUUK3W \(+£3.70\)](#).

Need Product Setup / Training / Support?

Required - 30 minutes (+£40.00), Not Required, Required - 1 Hour (+£65.00).

DECT Base Station Required?

Not Required, [Yealink W80B \(+£225.00\)](#).