Yealink Cordless DECT IP Multi-Cell Base Station (W90B)

Product Name: Yealink Cordless DECT IP Multi-Cell Base Station (W90B)
Manufacturer: Yealink
Model Number: W90B

Please Note: This product is compatible with Zoom.

Yealink Cordless DECT IP Multi-Cell Base Station (W90B)
The Yealink W90B, is a DECT IP multi-cell base station that works with the W90DM DECT Manager for a complete DECT IP multi-cell phone system (W90). The W90B, is designed to provide organisations who require wireless coverage with the full ease of deployment. This DECT multi-cell system intends to create an extremely scalable and reliable solution for organisations of any size and any shape. The system supports up to 250 handsets and 250 simultaneous calls, which ensures one call in each handset, and allows you to get rid of the limited wireless signal coverage of only one base station.
Yealink W90B Key Features

ï¿½ Support Air and LAN synchronisation
ï¿½ Seamless handover and roaming
ï¿½ Up to 60 base stations
ï¿½ Up to 250 handsets
ï¿½ Up to 250 SIP accounts
ï¿½ Up to 250 parallel calls
ï¿½ Support XML/LDAP/Remote Phonebook
ï¿½ Support XSI Directory/XSI Call Log
ï¿½ External antenna, DECT radio coverage up to 50m indoors and 300m outdoors
ï¿½ DECT technology: Yealink DECT technology is based on CATiq2.0, which focuses on high-quality Audio VoIP (wideband), and low-bitrate data applications. But we are not compatible with any third-party DECT devices (base station, handset, etc.).
ï¿½ Support Opus
ï¿½ Support SRTP / SIPS / TLS, LDAP(s) and HTTPS
ï¿½ Support PoE
ï¿½ Compatible with Yealink W59R/W56H/W53H, CP930W and DD Phone

Meanwhile, the system can work with Yealink W53H, W56H, W59R, CP930W, and DD Phone with seamless roaming and handover of the calls, making freely mobile communication in and between each zone achievable. Both W90B and W90DM join the modern, compact design with Yealink HD voice quality, which is wrapped with the full-duplex technology Opus, giving you an elaborate audio experience.
Seamless Stability The Yealink W90 DECT IP Multi-Cell System brings seamless stability. The rotatable external antennas ensure further signal range, industry-leading coverage, and flexible steering for complex areas, which truly saves amount and cost of bases in deployment with industry-leading coverage. Moreover, the Lan Sync guarantees stable roaming even in poor signal transmission environment or strong signal interference like warehouses with overcrowded cargos or several iron gates.
Easy DeploymentThe Yealink W90 DECT IP Multi-Cell System provides easier and faster setup for users: the DECT Deployment Toolkit for quick base location, IP discovery tool for quickly getting IP of DM, and auto sync level for self-organising network without manual operation. Instead of complex steps, it takes less time from deployment to daily management for large system.
Wide CoverageAvailable for 1DM, 60 bases, 250 handsets and 250 parallel calls, the Yealink W90 DECT IP Multi-Cell System is tailored for large space and multi-locations & bases, delivering unified communicating solution especially for warehouses, hospitals, hotels, supermarkets chains, cruises, authorized car dealerships, offices, retail formats, etc. Virtual machines and more bases

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will be supported in the future, boarding the coverage once more.

Full ScenariosThe Yealink W90 DECT IP Multi-Cell System supports various devices: W53H, W56H, W59R, CP930W, DD Phone, which definitely matches different employee roles and full scenes communicating demand from mobile, desk to conference with flexible scalability.

Multiple Phone Books The Yealink W90 DECT IP Multi-Cell System offers easy access to multiple phone books, including Local Directory, Remote Phonebook, LDAP, and XML Phonebook. Additionally, it is broadly compatible with PBX contacts.

Yealink W90B - Technical Specifications

Phone Features

ï¿½ Sync over the DECT and LAN (Seamless handover and roaming)
ï¿½ Each Multicell System:- Up to 60 base stations- Up to 250 handsets- Up to 250 VoIP accounts- Up to 250 simultaneous calls- Up to 8 WB (4 active handsets) calls per base- Up to 8 NB calls per base
ï¿½ Up to 2 simultaneous calls per handset
ï¿½ Call hold, call transfer, 3-way conference
ï¿½ Switching between calls
ï¿½ Call waiting, mute, silence, DND
ï¿½ Caller ID with name and number
ï¿½ Anonymous call, Anonymous call rejection
ï¿½ Call forward (always/busy/no answer)
ï¿½ Speed dial, voicemail, redial
ï¿½ Message Waiting Indication (MWI)
ï¿½ Music on hold (server-based)
ï¿½ Local phonebook for up to 100 entries per handset
ï¿½ Remote phonebook/LDAP/XML phonebook
ï¿½ Phonebook search/import/export
ï¿½ Call history (all/missed/placed/received)
ï¿½ Reset to factory, reboot
ï¿½ Keypad lock, emergency call
ï¿½ Broadsoft directory, BroadSoft call log
ï¿½ Broadworks feature key synchronisation
ï¿½ Shared Call Appearance (SCA)
ï¿½ XML browser
ï¿½ IPUI registration
ï¿½ User access level

Management

ï¿½ Auto-provision via TFTP/FTP/HTTP/HTTPS/RPS
ï¿½ Auto-provision with PnP
ï¿½ Handset upgrade: OTA (Over-The-Air)
ï¿½ Configuration: browser/phone/auto-provision
ï¿½ Trace package and system log export

Audio Features

ï¿½ Full-duplex speakerphone
ï¿½ Hearing Aid Compatibility (HAC) compliant
ï¿½ DTMF
ï¿½ Wideband codec: Opus, AMR-WB (optional), G.722
ï¿½ Narrowband codec: AMR-NB (optional), PCMU,PCMA, G.726, G.729, iLBC
ï¿½ VAD, CNG, AGC, PLC, AJB

Network Features

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ï¿½ SIP v1 (RFC2543), v2 (RFC3261)
ï¿½ SNTP/NTP
ï¿½ VLAN (802.1Q and 802.1P)
ï¿½ 802.1x, LLDP
ï¿½ STUN Client (NAT Traversal)
ï¿½ UDP/TCP/TLS
ï¿½ IP assignment: static/DHCP
ï¿½ Support outbound proxy server backup

Security

ï¿½ Open VPN
ï¿½ Transport Layer Security (TLS1.0/TLS1.1/ TLS1.2)
ï¿½ HTTPS (server/client), SRTP
ï¿½ Digest authentication
ï¿½ Secure configuration file via AES encryption
ï¿½ Support SHA256/SHA512/SHA384

DECT

ï¿½ Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)

Interface

ï¿½ 1 x RJ45 10/100M Ethernet port
ï¿½ Power over Ethernet (IEEE 802.3af), Class 1

Physical Features

ï¿½ Indoor Range: 30m~50m (The ideal distance is 50m)
ï¿½ Outdoor Range: 300m (in ideal conditions)
ï¿½ Wall mountable
ï¿½ Three LED indicators on W90DM/W90B:- 1 x LAN (Power Indicator & Network Status)
LED - 1 x Role LED - 1 x DECT LED
ï¿½ External Yealink AC adapter: AC 100-240V Input and DC 5V/1.2A Output
ï¿½ Colour: Pearl White
ï¿½ Dimension: 134mm x 100mm x 28mm
ï¿½ Operating humidity: 10~95%
ï¿½ Operating temperature: 0~+40°C (+32~104°F)

Package Features

ï¿½ Package content: - W90DM/W90B - Expansion Screws - Quick Start Guide - Power Adapter
(optional)
ï¿½ Qty/CNT: 10 PCS
ï¿½ Giftbox size: 158 mm x 203 mm x 63 mm
ï¿½ Carton meas: 420 mm x 338 mm x 167 mm
ï¿½ N.W: 2.8kg
ï¿½ G.W: 3.4kg

Price: £185.20

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Options available for Yealink Cordless DECT IP Multi-Cell Base Station (W90B) :

Power Supply Required?
Not Required,   PSUUK3W (+£3.70).

Need Product Setup / Training / Support?
Not Required,   Required - 1 Hour (+£65.00),   Required - 30 minutes (+£40.00).