

# Yealink W90DM DECT base station

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## **Cordless DECT IP Multi-Cell System**

The Yealink W90 DECT IP Multi-Cell System, consisting of two elements - a base station W90B and a DECT Manager W90DM, is designed to provide the organizations 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 the organizations 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. 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, that setting free your ears and 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 Deployment**

The 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-organizing network without manual operation. Instead of complex steps, it takes less time from deployment to daily management for large system.

## **Wide Coverage**

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

## **Full Scenarios**

The 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.

## **Zusammenfassung**

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Yealink W90DM, TFTP/FTP/HTTP/HTTPS/RPS, SIP v1 (RFC2543), v2 (RFC3261), SNTP/NTP, VLAN (802.1Q and 802.1P), 802.1x, LLDP, STUN, UDP/TCP/TLS, AES, HTTPS, SHA-384, SHA-512, SRTP, TLS, 100 entries, 1880 - 1900 MHz, 1920 - 1930 MHz

Yealink W90DM. Management protocols: TFTP/FTP/HTTP/HTTPS/RPS, Supported network protocols: SIP v1 (RFC2543), v2 (RFC3261), SNTP/NTP, VLAN (802.1Q and 802.1P), 802.1x, LLDP, STUN, UDP/TCP/TLS, Security algorithms: AES, HTTPS, SHA-384, SHA-512, SRTP, TLS. Phonebook capacity (per handset): 100 entries. Frequency range (EU): 1880 - 1900 MHz, Frequency range (US): 1920 - 1930 MHz, Maximum indoor range: 50 m. Ethernet LAN data rate supported (max): 100 Mbit/s. Product colour: White

## Merkmale

		Design	
<b>Logistics data</b>		Product colour	White
Harmonized System (HS) code		85177900	Yes
		Full duplex	Yes
		Wall mountable	Yes
		LED indicators	Yes
<b>Packaging content</b>		<b>Power</b>	
Quick start guide	Yes	Input voltage	100 - 240 V
		Power over Ethernet (PoE)	Yes
		Output voltage	5 V
		Output current	1.2 A
<b>Operational conditions</b>		<b>Weight &amp; dimensions</b>	
Operating temperature (T-T)		0 - 40 °C	
Operating relative humidity (H-10)		95%	

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## Ports & interfaces

Ethernet LAN	Yes
Ethernet LAN (RJ-45) ports	1
Ethernet LAN data rate supported (max)	100 Mbit/s

## Antenna

Frequency range (EU)	1880 - 1900 MHz
Frequency range (US)	1920 - 1930 MHz
Maximum indoor range	50 m
Maximum outdoor range	300 m

Dimensions (WxDxH)	134 x 100 x 28 mm
Weight	2.8 kg
Package width	158 mm
Package depth	203 mm
Package height	63 mm
Package weight	3.4 kg

## Performance

Number of handsets supported (max)	250
Number of carrier frequencies	2
Number of VoIP accounts	250
Management protocols	TFTP/FTP/HTTP/HTTPS/RPS
Supported network protocols	SIP v1 (RFC2543), v2 (RFC3261), SNTP/NTP, VLAN (802.1Q and 802.1P), 802.1x, LLDP, STUN, UDP/TCP/TLS
Number of bases supported (max)	60
Security algorithms	AES, HTTPS, SHA-384, SHA-512, SRTP, TLS
Wireless synchronization	Yes
Hearing aid compatibility	Yes
Dual-Tone Multi-Frequency (DTMF)	Yes
Keypad lock	Yes
XML browser	Yes
IPUI registration	Yes
User access level	Yes
Auto-provision	Yes
Over the Air Updates (OTA)	Yes

## Call management

Conference call	Yes
Number of parallel conferences	3
Phonebook capacity (per handset)	100 entries
Number of simultaneous calls (max)	100
Number of WB calls per base supported (max)	8
Number of NB calls per base supported (max)	8
Number of simultaneous calls per 2 handset	
Anonymous call	Yes
Anonymous call rejection	Yes
Call waiting	Yes
Call forwarding	Yes
Caller ID	Yes
Remote phonebook	Yes
Call transfer	Yes
Call hold	Yes
Do not disturb function	Yes
Switching between calls	Yes
Mute function	Yes
Speed dialling	Yes
Integrated voicemail	Yes
Redialing	Yes
Message Waiting Indication (MWI) function	Yes

Phonebook search/import/export function	Yes
Call history	Yes
Reset function	Yes
Emergency call	Yes
Shared Call Appearance (SCA)	Yes
System log export	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.