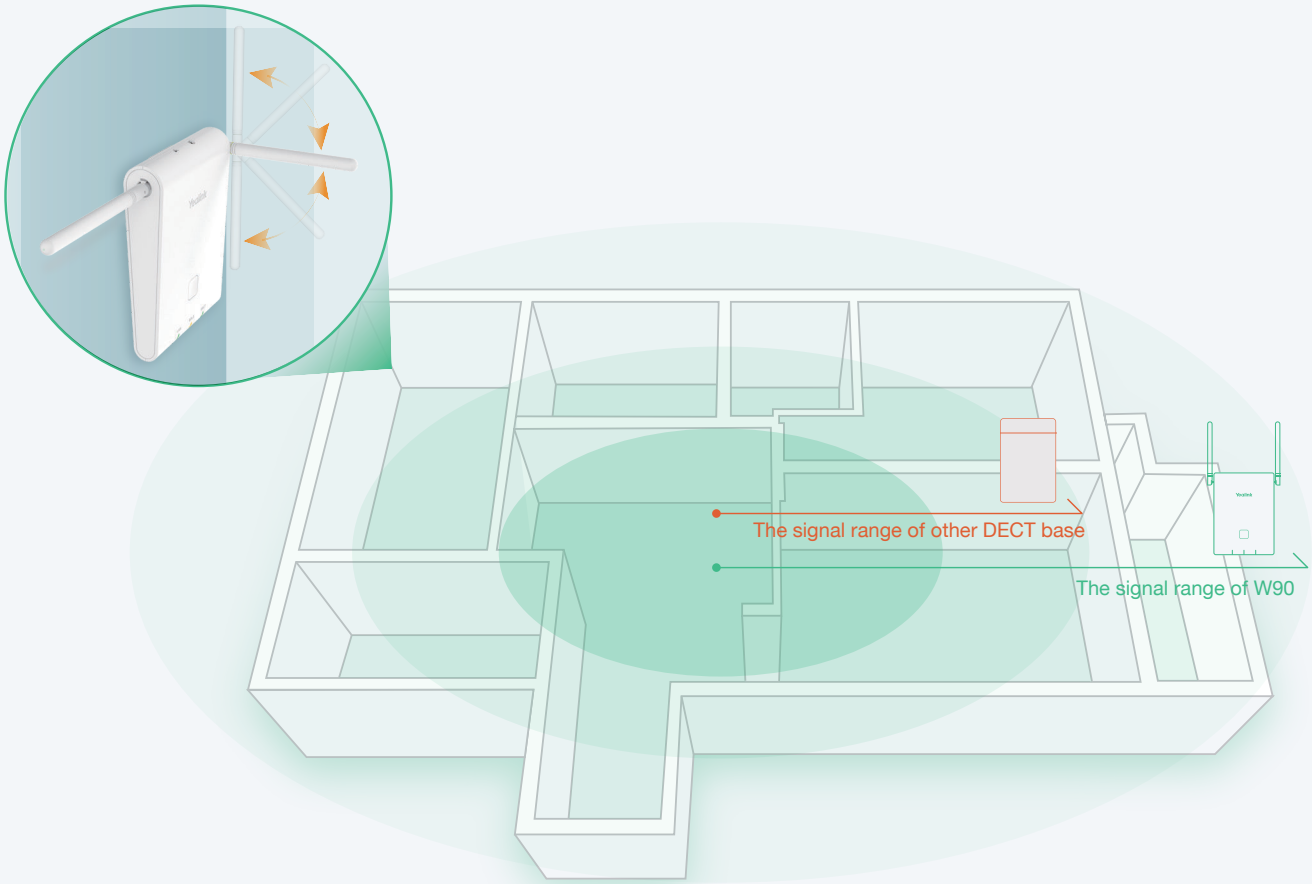
# YEALINK W90 DECT IP MULTI-CELL SYSTEM

## Stable Roaming Solution for Wide Coverage & Multi-locations

The Yealink W90 DECT IP Multi-Cell System consists of the DECT Manager W90DM and base station W90B. This system provides a seamless handover and industry-leading roaming solution for full scenarios, including warehouses, hospitals, hotels, supermarkets chains, cruises, authorized car dealerships, offices, retail formats, etc.
With stable roaming and simple deployment, Yealink W90 DECT IP multi-cell system ensures fluent communication across wide coverage and multi-locations.

## Seamless Stability

The Yealink W90 DECT IP Multi-Cell System brings seamless stability. The external antennas bring further signal range, industry-leading coverage, and flexible steering for complex areas, which truly saves amount and cost of bases in deployment. In poor signal transmission environment and strong signal interference, the Lan Sync guarantees stable roaming.




## 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. Besides, bulk registration of handsets is available by importing csv document. Instead of complex steps, it takes less time from deployment to daily management for large system.

DECT Measurement

IP Check Tool

Auto Sync Level

## 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.

CP930W DD Phone W59R W53H W56H

## 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.

## W90 DECT IP Multi-Cell System

| | Model | W90 DECT IP Multi-Cell System |
|---|---|---|
| System | Max. number of bases for system | 60 |
| | Max. number of handsets for system | 250 |
| | Simultaneous calls for system | 250 |
| | Simultaneous calls per base | 8 |
| | External antenna | √ |
| | Indoor/Outdoor range | 50m/300m |
| | Handover | Within group |
| | Roaming | Whole system |
| | Air Synchronization | √ |
| | LAN Synchronization | √ |
| | Handset module for W90B | W53H/W56H/W59R/CP930W/DDPhone(T41S+DD10K) |
| | OTA for handset | √ |
| Audio | Wideband codecs | Opus, AMR-WB (optional), G.722 |
| | Narrowband codecs | PCMU, PCMA, G.726, G.729, iLBC |
| | HD voice | √ |
| Interface | Ethenet interface | 10/100M |
| | PoE | √ |
| | Wall mountable | √ |
| Features | LDAP | √ |
| | XML Phonebook | √ |
| | Broadsoft directory (User & Company) | √ |
| | BroadSoft call log | √ |
| | User access level | √ |
| | Auto Sync Level | √ |
| | IPUI registration | √ |
| | DM Backup | √ |
| | XML browser | √ |
| | Shared Call Appearance (SCA) | √ |
| | DECT encryption | √ |
| | Transport Layer Security (TLS) | TLS1.0/1.1/1.2 |
| | SRTP Support (Media) | √ |
| Compatibility | BroadSoft | √ |
| | 3CX | √ |
| | Metaswitch | √ |