

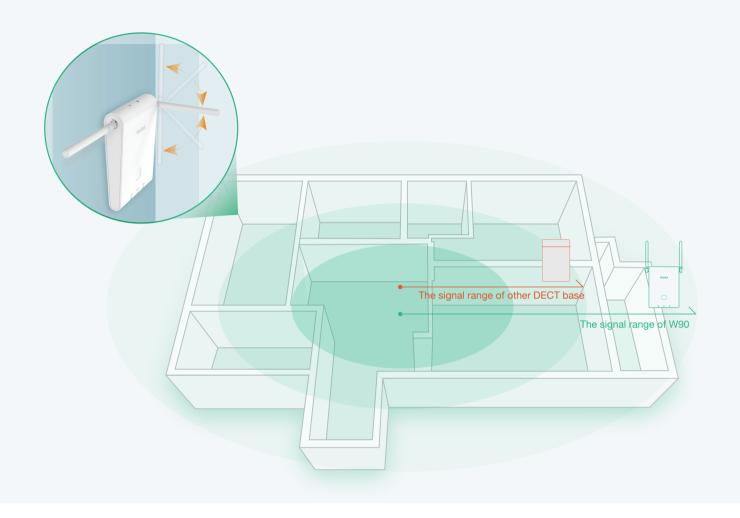
YEALINK W90 DECT IP MULTI-CELL SYSTEM



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



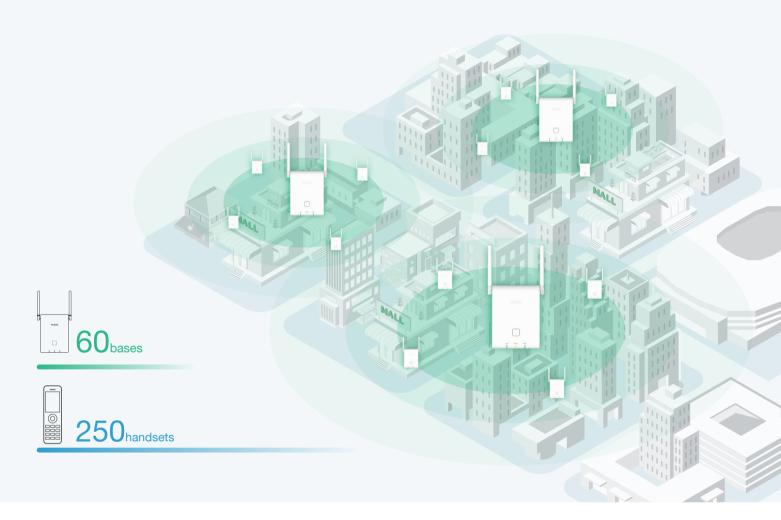
IP Check Tool



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.



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.

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 \$0m/300m Handover Within group Roaming Whole system Air Synchronization √ LAN Synchronization √ LAN Synchronization √ OTA for handset √ OTA for handset √ Wideband codecs Opus, AMR-WB (optional), G.722 Audio Narrowband codecs PCMU, PCMA, G.726, G.729, iLBC HD voice √ HD voice √ Wall mountable √ LDAP √ XML Phonebook √ Broadsoft directory (User & Company) √ Auto Sync Level √ Auto Sync L	W90 DECT IP	Multi-Cell System	
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+ OTA for handset ✓ Wideband codecs Opus, AMR-WB (optional), G.722 Audio Narrowband codecs PCMU, PCMA, G.726, G.729, iLBC HD voice ✓ Bethenet interface 10/100M Interface PoE ✓ Wall mountable ✓ V WML Phonebook ✓ BroadSoft directory (User & Company) ✓ BroadSoft directory (User & Company) ✓ BroadSoft call log ✓ User access level ✓ Auto Sync Level ✓ DM Backup ✓ XML browser ✓ <th></th> <th>Model</th> <th>W90 DECT IP Multi-Cell System</th>		Model	W90 DECT IP Multi-Cell System
Simultaneous calls for system 250	System	Max. number of bases for system	60
System 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+ OTA for handset √ Wideband codecs Opus, AMR-WB (optional), G.722 Audio Narrowband codecs PCMU, PCMA, G.726, G.729, iLBC HD voice √ Ethenet interface 10/100M Interface 10/100M Interface 10/100M PoE √ Wall mountable √ LDAP √ XML Phonebook √ BroadSoft call log √ User access level √ Auto Sync Level √ Auto Sync Level √ DM Backup √ XML browser √ Shared Call Appearance (SCA) √ DECT		Max. number of handsets for system	250
System External antenna √ Indoor/Outdoor range \$0m/300m Handover Within group Roaming Whole system Air Synchronization √ LAN Synchronization √ Handset module for W90B W53H/W56H/W59R/CP930W/DDPhone(T41S+ OTA for handset √ Wideband codecs Opus, AMR-WB (optional), G.722 Audio Narrowband codecs PCMU, PCMA, G.728, G.729, ILBC HD voice √ Ethenet interface 10/100M Interface PoE √ Wall mountable √ LDAP √ XML Phonebook √ Broadsoft directory (User & Company) √ BroadSoft call log √ User access level √ Auto Sync Level √ DM Backup √ XML browser √ Shared Call Appearance (SCA) √ DECT encryption √ Transport Layer Security (TLS) TLS1,0/1.1/1.2 SRTP Suppor		Simultaneous calls for system	250
System 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+ OTA for handset ✓ Wideband codecs Opus, AMR-WB (optional), G.722 Audio Narrowband codecs PCMU, PCMA, G.726, G.729, iLBC HD voice ✓ HD voice ✓ Wall mountable ✓ Wall mountable ✓ Wall mountable ✓ Wall phonebook ✓ Broadsoft directory (User & Company) ✓ Broadsoft call log ✓ User access level ✓ Auto Sync Level ✓ BDM Backup ✓ XML browser ✓ Shared Call Appearance (SCA) ✓ DECT encryption ✓ Transport Layer Security (TLS) TLS1.0/1.1/1.2 SRTP Support (Media) ✓		Simultaneous calls per base	8
Handover Within group		External antenna	√
Handover Within group		Indoor/Outdoor range	50m/300m
Air Synchronization		Handover	Within group
LAN Synchronization		Roaming	Whole system
Handset module for W90B W53H/W56H/W59R/CP930W/DDPhone(T41S+ OTA for handset		Air Synchronization	
OTA for handset		LAN Synchronization	
Audio Wideband codecs Opus, AMR-WB (optional), G.722 Narrowband codecs PCMU, PCMA, G.726, G.729, iLBC HD voice ✓ Ethenet interface 10/100M Interface Y Wall mountable ✓ LDAP ✓ XML Phonebook ✓ Broadsoft directory (User & Company) ✓ BroadSoft call log ✓ User access level ✓ Auto Sync Level ✓ IPUI registration ✓ XML browser ✓ Shared Call Appearance (SCA) ✓ DECT encryption ✓ Transport Layer Security (TLS) TLS1.0/1.1/1.2 SRTP Support (Media) ✓ BroadSoft ✓		Handset module for W90B	W53H/W56H/W59R/CP930W/DDPhone(T41S+DD10
Audio Narrowband codecs PCMU, PCMA, G.726, G.729, iLBC HD voice √ Ethenet interface 10/100M PoE √ Wall mountable √ LDAP √ XML Phonebook √ Broadsoft directory (User & Company) √ BroadSoft call log √ User access level √ Auto Sync Level √ Auto Sync Level √ DM Backup √ XML browser √ Shared Call Appearance (SCA) √ DECT encryption √ Transport Layer Security (TLS) TLS1.0/1.1/1.2 SRTP Support (Media) √ BroadSoft √		OTA for handset	√
HD voice		Wideband codecs	Opus, AMR-WB (optional), G.722
Ethenet interface	Audio	Narrowband codecs	PCMU, PCMA, G.726, G.729, iLBC
PoE		HD voice	√
Wall mountable 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) BroadSoft TLS1.0/1.1/1.2 SRTP Support (Media) V		Ethenet interface	10/100M
LDAP	Interface	PoE	√
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) ✓ BroadSoft ✓		Wall mountable	√
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) BroadSoft Tv		LDAP	√
BroadSoft call log		XML Phonebook	√
User access level		Broadsoft directory (User & Company)	√
Auto Sync Level IPUI registration DM Backup XML browser Shared Call Appearance (SCA) DECT encryption Transport Layer Security (TLS) SRTP Support (Media) BroadSoft		BroadSoft call log	√
Features IPUI registration DM Backup XML browser Shared Call Appearance (SCA) DECT encryption Transport Layer Security (TLS) SRTP Support (Media) BroadSoft		User access level	
DM Backup XML browser Shared Call Appearance (SCA) DECT encryption Transport Layer Security (TLS) SRTP Support (Media) BroadSoft √	Features	Auto Sync Level	
XML browser Shared Call Appearance (SCA) DECT encryption Transport Layer Security (TLS) SRTP Support (Media) BroadSoft		IPUI registration	
Shared Call Appearance (SCA) DECT encryption √ Transport Layer Security (TLS) TLS1.0/1.1/1.2 SRTP Support (Media) ✓ BroadSoft √		DM Backup	
DECT encryption Transport Layer Security (TLS) SRTP Support (Media) BroadSoft		XML browser	
Transport Layer Security (TLS) SRTP Support (Media) BroadSoft TLS1.0/1.1/1.2 ✓		Shared Call Appearance (SCA)	
SRTP Support (Media) BroadSoft		DECT encryption	
BroadSoft √		Transport Layer Security (TLS)	TLS1.0/1.1/1.2
		SRTP Support (Media)	\checkmark
0 11 111		BroadSoft	\checkmark
Compatibility 3CX √	Compatibility	3CX	
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