Yealink

W75 Mini MC

Cordless DECT IP Mini Multi-Cell System

The Yealink W75 DECT IP Mini Multi-Cell System, which consists of a base station (W75B) and a DECT Manager (W75DM), is designed to provide organizations with wireless coverage and easy deployment. This DECT mini multi-cell system aims to offer a scalable and reliable solution for small and medium-sized organizations of various shapes. The system supports up to 20 handsets and 20 simultaneous calls, ensuring that each handset can have an active call. It eliminates the limitations of wireless coverage associated with a single base station. Additionally, the system seamlessly integrates with Yealink W56H, W57R, W59R, W71H, W73H, W74H, and W78H handsets, enabling smooth roaming and call handover between zones. This allows for free mobile communication within and between each coverage area. The W75B and W75DM devices feature a modern, compact design and Yealink HD voice quality, enhanced by full-duplex technology.

DECT/SRTP/TLS | Cloud Contact/ LDAP/XML | Auto-P | HD Audio | Wall Mountable | Compatible with Multiple Devices



Key Features and Benefits

Easy Setup and Deployment

The DM and Base can be physically connected to each other to establish the system. 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. Do not worry if you are in the non-multicast network environment, just configure the IP address of the DECT Manager via the web user interface of the base station to complete the deployment.

No Perception Upgrade

You can upgrade the W73H, W74H, W78H, W57R and W59R handsets with no perception. The upgrade of the handsets will be completed within two minutes. The channel will not be occupied during the firmware transmission, and the handsets can be used normally.

System Backup

Yealink W75 DECT IP Mini MC supports sync Level 1 base backup. When the Level 1 base goes offline, other bases in the system can be used as the backup Level 1 base, and the backup can be completed within one minute to replace the Level 1 Base so that the system can quickly maintain normal use. Yealink W75 Mini MC supports DM dual hot function to ensure the normal and stable operation of the W75 DECT IP Mini MC system.

Security & Stability

Based on Yealink DECT technology, W75 DECT IP Mini MC 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 and the wirelessly eavesdropping on a conversation is not possible either. At the same time, TLS and SRTP play a pivotal role in secure SIP communication. Pack Yealink W75 DECT IP Mini MC System 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 in safety and stability.

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 rather than just a row of digits. Better compatibility with several PBX platforms makes the contacts from different platforms reachable on the Yealink W75 DECT IP Mini MC System, like Xsi directory, XML contacts. Besides, LDAP and Remote Phonebook.

Efficient Provisioning & Unified Management

The W75 DECT IP Mini MC System inherits the Yealink powerful Auto-p mechanism from DECT system, that the efficient provisioning and effortless mass deployment can be simply implemented via Yealink's Redirection and Provisioning Service (RPS) and auto provisioning. Moreover, you can configure and manage the entire multi-cell system on the web portal of DECT Manager, making the deployment, maintenance and upgrade to be trouble-free as well as saving even more time and IT costs for businesses.

Compatible with Multiple Devices

Yealink W75 DECT IP Mini MC System is compatible with multiple Yealink DECT devices, including W56H, W57R, W59R, W71H, W73H, W74H and W78H, that all of those devices can be connected to one single or multi-cell DECT system from Yealink and a complete DECT ecosystem is just at your fingertips.

- Seamless handover and roaming
- Up to 20 parallel calls
- Up to 3 base stations
- Up to 20 handsets
- Up to 20 SIP accounts
- Support XML/LDAP/Remote Phonebook
- Support Xsi Directory
- DECT radio coverage up to 50 m indoors and 300 m outdoors
- DECT technology:
  Yealink DECT technology focuses on high-quality Audio VoIP (wideband), and low bit-rate data applications. However, we are not compatible with any third-party DECT devices (base station, handset, etc.).
- Support IPv6
- Support PoE
- Compatible with Yealink W56H, W57R, W59R, W71H, W73H, W74H and W78H

Specifications

Phone Features

> Sync over the air (Seamless handover and roaming)
> Up to 20 simultaneous calls
> Up to 3 base stations
> Up to 8 WB (4 active handsets) calls per base
> Up to 8 NB calls per base
> Up to 20 handsets
> Up to 20 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/XML phonebook
> 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 synchronization
> Shared Call Appearance (SCA)
> XML browser
> IPUI registration
> User access level

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
> Wideband codec: AMR-WB (optional), G.722
> Narrowband codec: AMR-NB (optional), PCMU(G.711μ), PCMA(G.711A), G.726, G.729, G.729A, 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 (TLS1.0/TLS1.2)
> 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)
1902 – 1906 MHz (TH), 1910 – 1920 MHz (BR)

Interface

> 1 x RJ45 10/100M Ethernet port
> Power over Ethernet (IEEE 802.3af), Class 3

Physical Features

> Indoor Range: 20 m-50 m (The ideal distance is 50 m)
> Outdoor Range: 300 m (in ideal conditions)
> Wall mountable
> Three LED indicators on W75B:
- 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
> W75DM Dimension: 100 mm x 101 mm x 36 mm
> W75B Dimension: 130 mm x 100 mm x 25.1 mm
> Color: Pearl White
> Operating humidity: 10-95%
> Operating temperature: -10°C to +50°C (+14-122°F)
> Storage temperature: - 30 to +70°C (-22 to +158 °F)

Package Features

> Package content:
- W75B
- W75DM
- Expansion Screws
- Quick Start Guide
- Power Adapter (optional)
> Qty/CNT: 10 PCS
> Giftbox size: 174*180*63 mm
- N.W: 0.324 kg
- G.W: 0.416 kg
> Carton meas: 375*336*187 mm
- N.W: 4.169 kg
- G.W: 4.692 kg

Compliance

CE FC RoHS REACH ISO 9001 broadsoft 3CX Asterisk Compatible



About Yealink

Yealink (Stock Code: 300628) is a global-leading provider of Unified Communication & Collaboration Solutions specialized in video conferencing, voice communications, and collaboration, dedicated to helping every person and organization embrace the power of "Easy Collaboration, High Productivity".

With best-in-class quality, innovative technology, and user-friendly experiences, Yealink is one of the best providers in more than 140 countries and regions, ranks No.1 in the global market share of IP Phone, and is the Top 5 leader in the video conferencing market (Frost & Sullivan, 2021).

Copyright

Copyright © 2024 YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.

All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Yealink(Xiamen) Network Technology CO., LTD.

Technical Support

Visit Yealink WIKI (http://support.yealink.com/) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (https://ticket.yealink.com) to submit all your technical issues.

YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
Web: www.yealink.com
Addr: No.666 Hu'an Rd,Huli District Xiamen City, Fujian, P.R.C

Copyright©2024 Yealink Inc. All right reserved.