

FortiFone DECT™ Solutions

FON-D71-B, FON-D71-H, FON-D72-M, and FON-D72-B

Available in



Appliance



Highlights

Single-base and multi-cell base solutions

Same handset for both base solutions

Supports up to 100 concurrent calls (requires multiple bases)

HD call quality and superb range

Full color and multi-language screen

Energy-efficient with 30 hours of talk time on a single charge

European DECT variants available

Simple configuration through auto-provisioning.

Standalone and Multi-Cell Solutions, HD Audio Quality

FortiFone's wireless DECT solutions are purpose-built to manage small offices with only a few users or for large businesses spread across multiple floors, covering large areas such as warehouses. These new FortiFone offerings enhance your security with DECT encryption, keeping your conversations secure, while providing clear HD audio and full duplex speakerphone quality with extended wireless freedom.

FortiFone DECT is available in a standalone base station, FON-D71 or the multi-cell base solutions, FON-D72, which provide greater coverage and support for more handsets. Both solutions utilize the FON-D71-H handset providing the same intuitive features and outstanding call quality.



Reach up to 50 meters indoors and up to 300 meters outdoors



Roam secure with 64-bit DECT encryption 802.1x network access control



Experience full-duplex speakerphone quality with enhanced audio features

DECT Hardware



FON-D71-H

The FON-D71-H is a high-quality DECT handset delivering cordless convenience with the following key features:

- Compatible with FON-D71-B and FON-D72 base solutions
- 2.4 inch color and easy-to-read screen
- 30 hours of talk time on a single charge
- Full-duplex speaker phone
- Intuitive call handling and message indicators
- Supports nine world languages



FON-D71-B

The FON-D71-B is a single-base DECT solution, optimized for businesses with a smaller footprint office environment. The main features include:

- Requires at least one FON-D71-B base and FON-D71-H handset
- Single-base station supports up to eight handsets
- Able to handle up to eight concurrent calls
- Indoor range up to 50 meters
- Outdoor range up to 300 meters



FON-D72-M and FON-D72-B

The FON-D72-M and FON-D72-B work together as a multi-cell DECT solution that benefits a business with a large footprint and multi-floor offices. This solution features:

- Requires at least one FON-D72-M, FON-D72-B and FON-D71-H
- Base station manager FON-D72-M supports up to 30 bases
- Supports up to eight handsets per base station, up to a maximum of 100 handsets per FON-D72 solution
- Able to handle up to 100 concurrent calls (requires multiple bases)
- Indoor range up to 50 meters per base station
- Outdoor range up to 300 meters per base station
- Seamless handover and roaming between bases

Solution Deployment

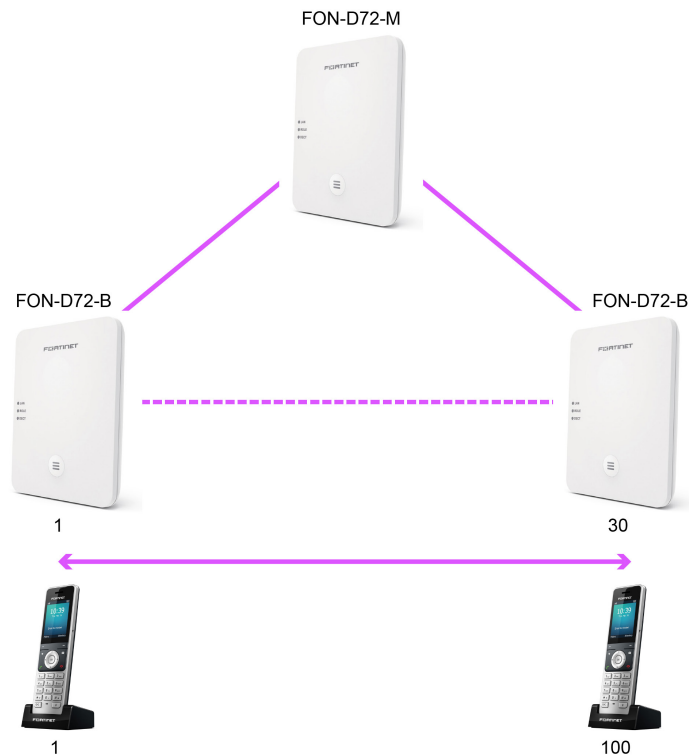


FON-D71

The FON-D71 solution benefits offices with a smaller area. It is specifically designed as a single-base solution to manage the registration and calls for up to eight handsets with the FortiVoice.

To get started, you only need one base and one handset:

- FON-D71-B
- FON-D71-H



FON-D72-B

The FON-D72 solution benefits offices with a large area, such as a warehouse and multi-floor buildings that require seamless roaming between bases. This solution consists of a FON-D72-M manager, at least one FON-D72-B base and one FON-D71-H handset. The FON-D72-M acts as a proxy, managing registrations and call distribution between the bases and handsets with the FortiVoice.

Each FON-D72-B can handle up to eight handsets. Additional bases introduced increase the amount of supported handsets, up to a maximum of 100. Up to 30 additional bases can be added which optimizes multi-cell roaming, giving this solution the ability to service handsets over a much larger range than a single-base solution.

To get started, you only need one manager, one base, and one handset:

- FON-D72-M
- FON-D72-B
- FON-D71-H

Specifications

HANDSET	FON-D71-H
Telephone Features	
Display	2.4" 240×320 pixel graphic display
Softkeys	2
Dedicated feature keys	6
Speakerphone	Full duplex
Backlit display	☑
Headset support	3.5 mm jack
Call waiting	☑
Message waiting indicator	☑
Intercom over speaker	☑
Multiple ring tones	☑
Phone book entries	100
Missed call log entries	100
Received call log entries	100
Outgoing call log entries	100
External IP extension support	☑
Missed call indicator	☑
One Touch Features	
Trade calls	☑
Call Transfer	☑
Voicemail	☑
Display Languages	
English	☑
French	☑
Spanish	☑
German	☑
Italian	☑
Polish	☑
Portuguese	☑
Russian	☑
Turkish	☑

BASE STATION	FON-D71-B	FON-D72-B FON-D72-M
Base Features		
Support handset	FON-D71-H	FON-D71-H
Maximum number of supported handsets	8	100
Maximum number of concurrent calls	8	100
Maximum number of supported bases	1	30
Mutli-cell roaming	—	☑
Network Features		
Power over Ethernet (802.3af)	☑	☑
Ethernet ports (RJ45)	1× 10/100	1× 10/100
Auto-discovery of FortiVoice system on LAN	☑	☑
LDAP	☑	☑
LLDP	☑	☑
802.1q - VLAN	☑	☑
QoS L 2 802.1p	☑	☑
QoS L 3 DSCP	☑	☑
802.1x - Network access control	☑	☑
DHCP client	☑	☑
SNTP client	☑	☑
SIP (RFC 3261)	☑	☑
SIP over UDP	☑	☑
SIP over TCP	☑	☑
SIP over TLS	☑	☑
SRTP	☑	☑
Management		
TFTP	☑	☑
HTTP	☑	☑
HTTPS	☑	☑
Option 66 (RFC 2132)	☑	☑
Web portal management	☑	☑
Backup/Restore	☑	☑
Syslog	☑	☑
Audio Features		
HD Voice	☑	☑
G.711u	☑	☑
G.711A	☑	☑
G.729A	☑	☑
G.722	☑	☑
G.726	☑	☑
Voice activity detection (VAD)	☑	☑
Comfort noise generation (CNG)	☑	☑
Adaptive jitter buffer	☑	☑
DTMF in-band	☑	☑
DTMF out-of-band (RFC 2833)	☑	☑
DTMF via SIP info	☑	☑
Operation		
Humidity	10% to 95%	10% to 95%
Temperature	0°C to 40°C	0°C to 40°C
Power class	1	1



Ordering Information

Product	SKU	Description
FortiFone FON-D71 base station	FON-D71-B	DECT base station with an indoor range of 50 meters and outdoor range of 300 meters, and supports up to eight concurrent calls.
FortiFone FON-D71 handset	FON-D71-H	DECT handset with a 2.4 inch color display, full duplex speakerphone, two softkeys and up to 30 hours of talk time.
FortiFone FON-D71 European base station	FON-D71-B-EU	European DECT base station with an indoor range of 50 meters and outdoor range of 300 meters, and supports up to eight concurrent calls.
FortiFone FON-D71 European handset	FON-D71-H-EU	European DECT handset with a 2.4 inch color display, full duplex speakerphone, two softkeys and up to 30 hours of talk time.
FortiFone FON-D72 manager	FON-D72-M	NA DECT manager for FON-D72-B base stations, supports up to 30 base stations and 100 handsets.
FortiFone FON-D72 base	FON-D72-B	NA DECT multi-cell base station with an indoor range of 50 meters and outdoor range of 300 meters, and supports up to eight concurrent calls.
FortiFone FON-D72 European manager	FON-D72-M-EU	EU DECT manager for FON-D72-B base stations, supports up to 30 base stations and 100 handsets.
FortiFone-FON-D72 European base	FON-D72-B-EU	EU DECT multi-cell base station with an indoor range of 50 meters and outdoor range of 300 meters, and supports up to eight concurrent calls.

NOTE: FortiFone products are subject to regional telecommunications regulations.

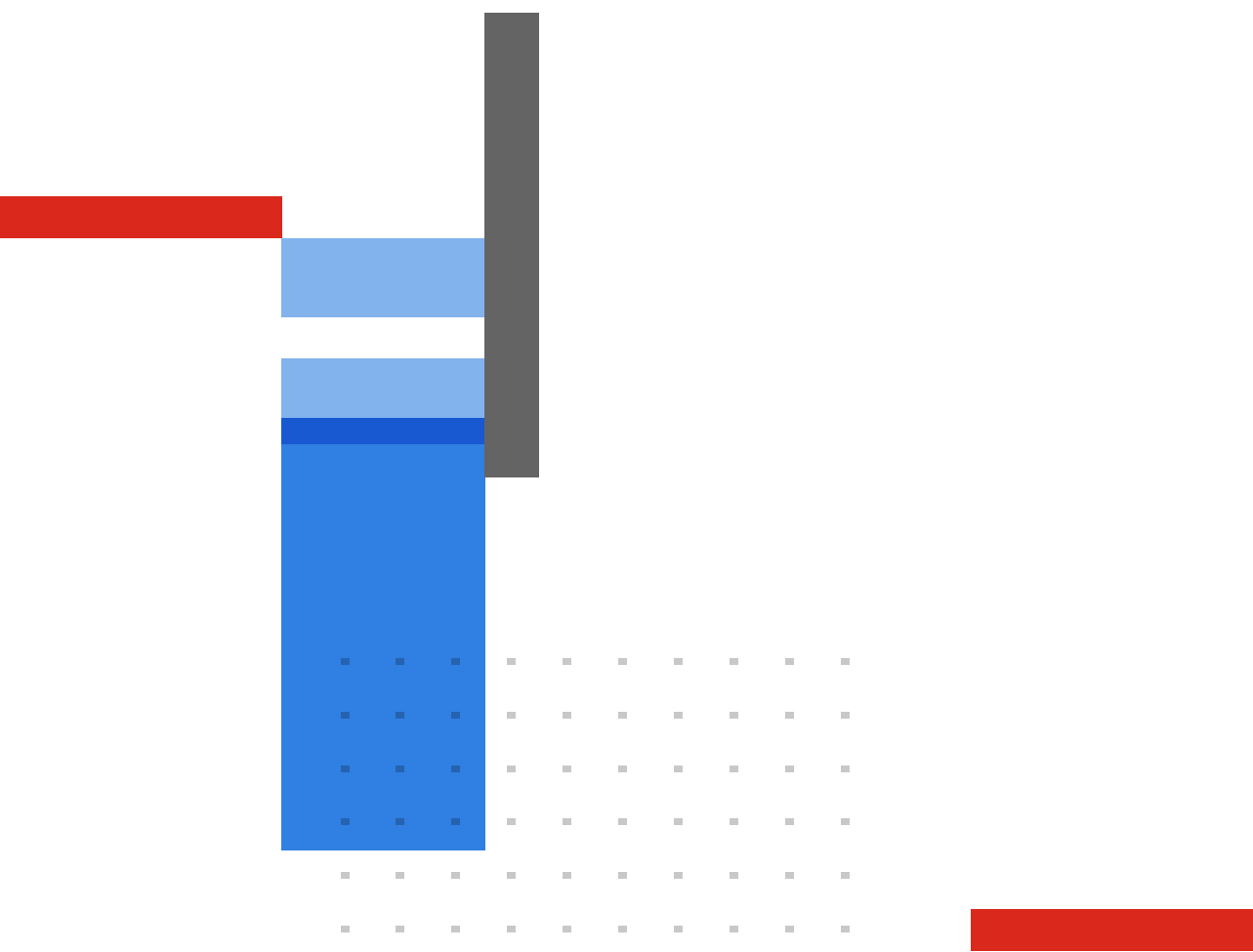
Visit the [FortiVoice Global Availability for Phone Systems and Phones datasheet](#) for the list of countries in which FortiFone telephones are available.

Visit <https://www.fortinet.com/resources/ordering-guides> for related ordering guides.



Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet’s products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the [Fortinet EULA](#) and report any suspected violations of the EULA via the procedures outlined in the [Fortinet Whistleblower Policy](#).



www.fortinet.com

Copyright © 2024 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's SVP Legal and above, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.