

# FortiFone™ DECT Solutions

FON-D71-B, FON-D71-H, FON-D72-M &amp; FON-D72-B

**Standalone & Multi-Cell Solutions  
Secure HD Call 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

## Key Features

- 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

## 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" 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 9 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 8 handsets
- Able to handle up to 8 concurrent calls
- Indoor range up to 50 meters
- Outdoor range up to 300 meters



### FON-D72-M & 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 8 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

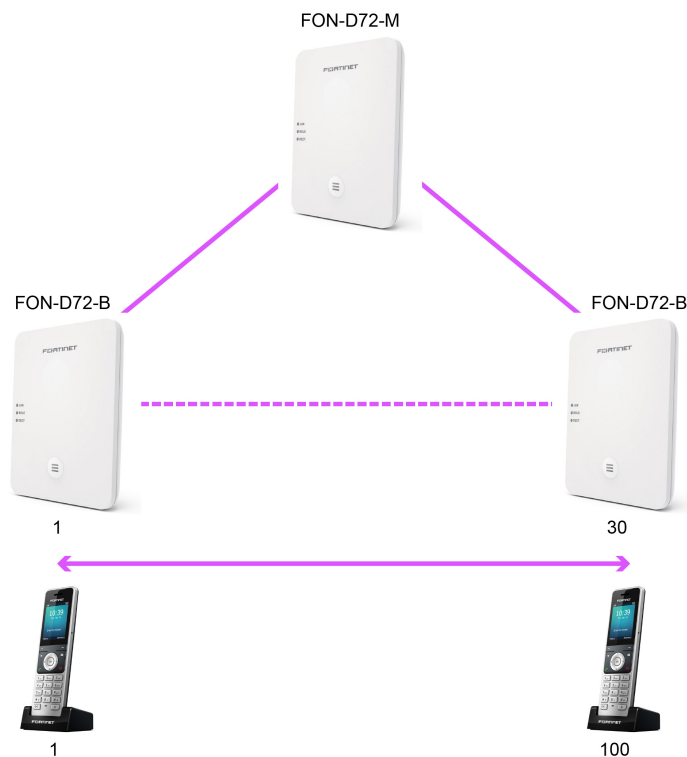


### FON-D71

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 8 handsets with the FortiVoice.

To get started, you only need 1 base and 1 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 8 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 1 manager, 1 base and 1 handset:

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

## Specifications

HANDSET	FON-D71-H
<b>Telephone Features</b>	
Display	2.4" 240x320 pixel graphic display
Softkeys	2
Dedicated feature keys	6
Speakerphone	Full duplex
Backlit display	✓
Headset support	3.5mm 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	✓
<b>One Touch Features</b>	
Trade calls	✓
Call Transfer	✓
Voicemail	✓
<b>Display Languages</b>	
English	✓
French	✓
Spanish	✓
German	✓
Italian	✓
Polish	✓
Portuguese	✓
Russian	✓
Turkish	✓

BASE STATION	FON-D71-B	FON-D72-B + FON-D72-M
<b>Base Features</b>		
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
Multi-cell roaming	–	✓
<b>Network Features</b>		
Power over Ethernet (802.3af)	✓	✓
Ethernet ports (RJ45)	1x 10/100	1x 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	✓	✓
<b>Management</b>		
TFTP	✓	✓
HTTP	✓	✓
HTTPS	✓	✓
Option 66 (RFC 2132)	✓	✓
Web portal management	✓	✓
Backup/Restore	✓	✓
Syslog	✓	✓
<b>Audio Features</b>		
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	✓	✓
<b>Operation</b>		
Humidity	10 to 95%	10 to 95%
Temperature	0 to 40°C	0 to 40°C
Power class	1	1

## Order 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 8 concurrent calls.
FortiFone FON-D71 handset	FON-D71-H	DECT handset with a 2.4" color display, full duplex speakerphone, 2 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 8 concurrent calls.
FortiFone FON-D71 European handset	FON-D71-H-EU	European DECT handset with a 2.4" color display, full duplex speakerphone, 2 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 8 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 8 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.



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