

Grandstream DP760 HD DECT Repeater



Product Name: Grandstream DP760 HD DECT Repeater

Manufacturer: Grandstream

Model Number: DP760

Grandstream DP760 HD DECT Repeater

The Grandstream DP760 is a powerful wideband DECT repeater (wireless relay station) that auto associates to Grandstream's DP750/DP752 DECT base stations offering extended mobility to business and residential users. The DP760 extends an additional range of 300 meters outdoors and 50 meters indoors to give users the freedom to move around their home or work space. This Wideband DECT Repeater relays up to 2 concurrent HD calls. The Ethernet connection provides PoE for convenient installation and a variety of remote features including provisioning, status monitoring and repeater firmware upgrades. When paired with Grandstream's DP750/DP752 DECT VoIP base stations and DP720 handsets, the DP760 offers a powerful extended DECT solution for users looking to add coverage to their VoIP DECT system.

Grandstream DP760 Key Features

- Up to 2 concurrent HD calls
- Extends an additional range of 300 meters outdoors and 50 meters indoors for added mobility
- Automatic or manual association to DP750/DP752 base stations for easy use
- Supports Plug-n-Play features like auto association, auto region detection and seamless call handover
- Automated provisioning options include XML config files
- Ethernet connection provides PoE features

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Grandstream DP760 - Technical Specifications

Air Interface

- Telephony Standards:- DECT EN 301 406:2001- DECT GAP TBR22 EN 300 444:2001- DECT WRS EN 300 700- CAT-iq TS 102 527
- Frequency bands: 1880 – 1900 MHz (Europe) 1920 – 1930 MHz (US) 1910 – 1920 MHz (Brazil)
- Number of channels: 10 (Europe), 5 (US, Brazil)
- Range: up to 300 meters outdoors and 50 meters indoors

Peripherals:

- 5 LED indicators: Power, Network, Association, Activity, DECT Signal Strength
- Reset Button, Dissociation button
- One 10/100 Mbps auto-sensing Ethernet port with integrated PoE

Protocols / Standards

- TCP/IP/UDP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, PPPoE, SSH, TFTP, NTP, LLDP-MED, UPnP

Voice Codecs

- G.722 codec for HD audio and G.726 codec for narrow band audio

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Telephony Features

- Plug-n-Play, auto association, auto region detection and seamless call handover

Security

- User and administrator level access control, MD5 and MD5-session based authentication, 256-bit AES encrypted configuration file, HTTPS, 802.1x media access control

Multi-language

- Arabic, Chinese Simple, Chinese Traditional, Czech, Dutch, English, French, German, Hebrew, Italian, Japanese, Korean, Polish, Portuguese, Russian, Serbian, Slovakian, Spanish, Turkish

Upgrade/Provisioning

- Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using AES encrypted XML configuration file

Association

- Up to 5 repeaters in star
- Relays up to 2 concurrent HD calls
- Automatic or manual association to base station

Power & Green Energy Efficiency

- Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection;
- PoE: IEEE802.3af Class 1, 0.44W–3.84W

Package Content

- Repeater Unit
- Universal Power Supply
- Ethernet cable
- Quick Start Guide
- GPL statement

Dimensions (H x W x D)

- 28.5 x 130 x 90 mm

Weight

- Repeater Unit: 143g
- Universal Power Supply: 50g
- Package: 360g

Temperature and Humidity

- Operation: -10°C to 50°C (14°F to 122°F);
- Storage: -20°C to 60°C (-4°F to 140°F)
- Humidity: 10% to 90% non-condensing

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Compliance

FCC: FCC Part 15B, FCC Part 15D, MPE

CE: EN 60950-1, EN 301 489-1, EN 301 489-6, EN 301 406, EN 50385, EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3

RCM: AS/NZS 60950.1

ANATEL

Price: Â£101.60

Options available for Grandstream DP760 HD DECT Repeater :

Base Station Required?

Not Required, [Grandstream DP750 DECT Base Station \(+Â£35.40\)](#).

Handset Required?

Not Required, [Grandstream DP720 DECT Handset \(+Â£43.30\)](#).