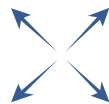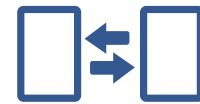# Long-Range Wideband DECT Repeater
DP760

The 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.

2 LINES
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

PoE
Ethernet connection provides PoE features

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
Protocol/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
Telephony Features	Plug-n-Play, auto association, auto region detection and seamless call handover
Security	User and administrator level access control, MD5 and MD5-sess 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° to 50°C (14° to 122°F); Storage: -20° to 60°C (-4° to 140°F) Humidity: 10% to 90% non-condensing
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