

Unified communications solution for SMB

IPECS GDC-400H/450H

SYSTEM INTERGRATED DECT SOLUTIONS

LG-ERICSSON PROVIDES PERFECT BUSINESS DECT SOLUTION FOR SMALL AND MEDIUM SIZED BUSINESS WITH FULLY INTEGRATED SYSTEM FEATURES AND COST EFFECTIVE SOLUTION OFFERINGS



Fully integrated business DECT solution

Unlike standalone or residential DECT solutions, LG-Ericsson offers a fully integrated business DECT solution which is compatible with its industry leading business communications platform - ipLDK and the IPECS platform. The full integration makes features easier and simpler to access as well as providing site-side coverage. DECT is a fully wireless system where users can make and receive calls anywhere within your business. Typical system features such as Call transfer (Screened, Unscreened, Executive/Secretary), Call back, Hold, Fall forward, Camp on etc. are all available. Seamless call connections are secured over multiple base cells allowing a wide geographic area to be covered.

Cost effective multi cell solution

LG-Ericsson has a world leading Research and Development centre, employing over one thousand development engineers. This experience and constant innovation makes LG-Ericsson's DECT solutions reliable, simple to use and cost-effective. Our business DECT solutions have been developed with cost effectiveness at the forefront, allowing an entire site to be covered using a multi-cell system with high powered antennas. Each cell, or 'base station', and most handsets are not telephone system specific (ipLDK or IPECS) to allow low-cost future upgrades and expansion. Each base station allows multiple handsets to be registered up to a maximum of 32 base stations* per system.

**Depend on system capacity*

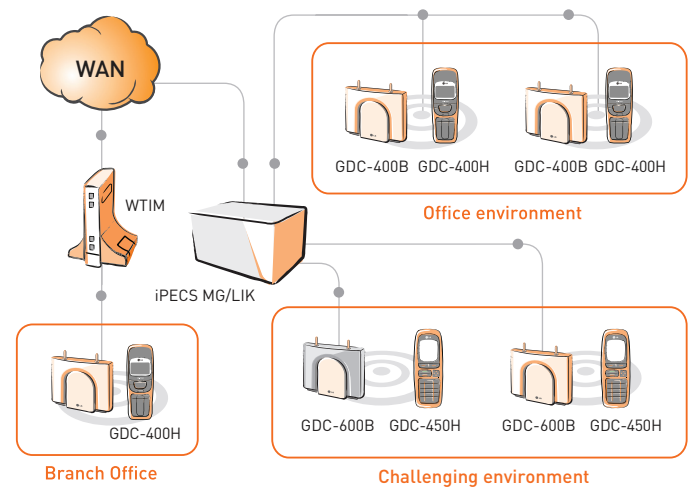
Easier and simpler management

Maintaining a reliable wireless network for your mobile workers is important to ensure consistent connectivity. All DECT features and configuration is part of the core telephone system management, reducing the time spent administering the network. If you are using an IPECS system you can take advantage of additional DECT analysis and monitoring tools available in the IPECS NMS (Network Management Server). Installation and optimisation is also simple using a DECT survey tool to find the optimal locations for base stations by measuring radio strength, channel status and base range - all in real time.

Flexible deployment scenario

LG-Ericsson provides a choice of DECT deployment scenarios for a wide range of business needs. The GDC-400H handset provides a cost effective, fully integrated DECT system with core features for most business users. The GDC-450H offers a ruggedized housing, tempered screen shield and glove friendly large key pad. The GDC-400B base station provides 4 simultaneous voice channels, the GDC-600B base provides 5 voice channels with both being easily wall mounted. Flexible configurations are possible using multiple base stations and zones of coverage.

If you have an IPECS call server rather than an ipLDK system the deployment scenarios are even more flexible. By employing an IP to DECT conversion architecture using IPECS DECT gateways, cell coverage can be expanded even further. Simply plug the IP/DECT gateway into the network and connect 1-4 base stations and you have an additional DECT zone without the requirement for dedicated cabling to the remote location. You can then run a seamless DECT solution throughout the business headquarters, branch offices or remote locations no matter where they are.





- User friendly interface
 - Easy to use navigation key
 - Context sensitive softkeys
 - 1.5" full color LCD
- Multi language support
 - English, Italian, Russian, Spanish, Swedish
- 9 differential ring tone(external/internal)
- Vibrator & Ring melody
- Backlit LCD and keypad
- Standby 120hrs / Talking 15 hrs
- 2.5mm ear mike jack
- Snap in belt clip(Optional)

GDC-400H



- Robust design for challenging environment
 - Ruggedized housing
 - Tempered window shield
 - Glove friendly large key pad
- User friendly interface
 - Easy to use navigation key
 - Context sensitive softkeys
 - 1.5" full color LCD
- Multi language support
 - English, Italian, Russian, Spanish, Swedish
- 9 differential ring tone(external/internal)
- Vibrator & Ring melody
- Backlit LCD and keypad
- Standby 150hrs / Talking 15 hrs
- 2.5mm ear mike jack
- Snap in belt clip

GDC-450H

Major specifications

	GDC-400H	GDC-450H	
Handset	Frequency	1.88 ~ 1.9 GHz	
	Talk/Standby time	15hrs/120hrs	15hrs/150hrs
	Radio RF power	Max. 250mW/Avg .10mW	
	Range (indoor/outdoor)	20~100m/ 200m	
	LCD	1.5" 65K Color STN	1.5" 65K TFT
	Battery	2.4V, 920mAH Ni-MH (x2)	3.7V, 950mAH Li-Ion
	Codec	32Kbps ADPCM	
	Antenna	Inner Antenna	Inner PIFA Antenna
	System	ipLDK/IPECS-LIK/MG	
	DECT standard	TRB6(RF), TBR10(Voice), TBR22(GAP),CE	
Interface	2.5mm earphone Jack		
AC/DC Adaptor	Input/Output	AC 230V 50/60Hz	AC 100~240V, 50/60Hz
		DC5V/12V, 1.5A/0.2A	DC5.1V0.7A
Tray	Display	charging status LED	
	Connector	DC Plug	5pin Micro-USB connector

GDC-400B, GDC-600B

	GDC-400B	GDC-600B
Model	GDC-400B	GDC-600B
Simultaneous Call	4	6
Power consumption(30V)	77.7mA	52.8mA
Cell Coverage (Out door)	200m	270m
Max. Cable Length	600m	900m

System Capacity

System	DECT GW	# of Cells Per GW	Max # of GW per system	Max # of GW per system
ipLDK20	WTIB/WDIB	4	1	1
ipLDK60	WDIB4	4	1	1
ipLDK100	WTIBE	8	2	2
ipLDK300	WTIBE	8	3	3
iPECS LIK	WTIM4/8	4/8	32	32
iPECS MG	WTIB	8	3	3

Dimensions

	Height(mm)	Width(mm)	Description
GDC-400H	133	44	133
GDC-450H	142.5	52.5	142.5
GDC-400B	176	220	176
GDC-600B	176	220	176