

# User friendly DECT Solution for enhanced mobility, iPECS GDC-480H/500H

iPECS GDC-480H/500H are perfect business DECT phones for small and medium sized business. It provides fully integrated system features with cost effective way. iPECS DECT solution's flexible deployment architecture will empower your business.

## Fully integrated business DECT solution

Unlike standalone or residential DECT phone solution, Ericsson-LG Enterprise has integrated business DECT solution with its industry leading SME PBX solutions. The integration makes feature implementation much easier and simpler. Floor managers do not need to run for a fixed terminal for voice paging. Users can send voice paging with DECT handset to pre-assigned desk phone. Not to mention, typical PBX features are provided such as Call transfer(Screened, Unscreened, Executive/Secretary), Call back, Hold, MWI, Call forward, Camp on, etc. Seamless call connection is secured over the multiple cell coverage.

## Cost effective multi cell solution

Business DECT solution should not cost too much especially for small and medium sized business. Ericsson-LG Enterprise has developed the DECT solution architecture best affordable for SME. Since commonly used resources and complicated feature sets are already implemented in systems, users can simply choose the scale of DECT solution only by attaching optimally designed DECT components. PBX built in DECT interface gateway for multi cell interface, simultaneous multi channel handling base station and full featured system DECT terminal are configurable from 1 cell up to 24 cells without causing significant initial investment or any hidden cost.

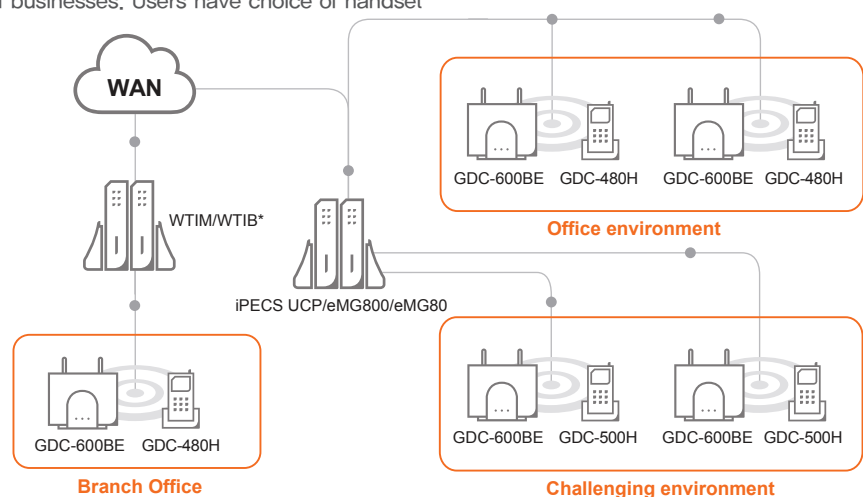
## Easier and simpler management

Consistent management system also helps reducing manager's workload. Managers only need to access a single admin user interface for adding and changing DECT related features just as they manage the system. To make cell planning easier, managers can utilize iPECS GDC-600TB(Site survey tool) to find the best location for base station. In addition, managers can measure real time radio strength, current channel and base station number with iPECS GDC-480H/500H. With iPECS NMS installed, managers can monitor real time status of DECT handset as well as wireless gateway. DECT related statistics are also provided for maintenance purpose.

## Flexible deployment scenario


Ericsson-LG Enterprise provides a choice of DECT deployment scenarios for a wide range of businesses. Users have choice of handset

for most common office environment or challenging environment. iPECS GDC series provide cost effective but still fully system integrated DECT features for most business users. If the job environment demands a tougher handset, iPECS GDC-480H/500H should fit perfectly with ruggedized housing and glove friendly large key pad. Depending on the number of cells required for cell planning, iPECS GDC-600BE provides 6 simultaneous voice channels. By employing IP DECT architecture, the business can expand the cell coverage without having a physical limitation. Simply plug an IP/DECT gateway(WTIM) to the network as well as the base stations, and the handset will bring integrated system DECT features right away. Now, the business can run seamless DECT solution over headquarters, branch office and factory wherever they are located.



\*WTIM is for iPECS UCP, and WTIB is for iPECS eMG800/eMG80  
Please refer to next page's 'System Capacity' for more details.

# Specifications

Category		iPECS GDC-480H	iPECS GDC-500H
 			
Design		Black	
LCD		2" 65K Full Color TFT(176x220)	
Frequency		Europe : 1.88~1.9GHz, North America : 1.92~1.93GHz	
Radio RF Power	Europe	Max 250mW/Avg 10mW	
	North America	Max 200mW/Avg 10mW	
Range(Indoor/Outdoor)		25~40m/300m	
Antenna		Monopole Antenna	
Codec		32Kbps ADPCM	
Handset	Europe	EMC : EN301 489-1/-6(DECT) RF : EN301 406(DECT) Safety : IEC(EN) 60950-1+A1	EMC : EN301 489-1/-6(DECT)/-17(Bluetooth) RF : EN301 406(DECT), EN300 486(Bluetooth) Safety : IEC(EN) 60950-1+A1
		EMI : FCC Part 15/ICES-003 RF : FCC Part 15 Subpart D/RSS-213(DECT) HAC/VC : FCC Part 68/IC CS-03 Part I&V SAR : FCC 47 CFR/RSS-102	EMI : FCC Part 15/ICES-003 RF : FCC Part 15 Subpart D/RSS-213(DECT) FCC Part 15.247/RSS-210(Bluetooth) HAC/VC : FCC Part 68/IC CS-03 Part I&V SAR : FCC 47 CFR/RSS-102
	North America		
Interface		2.5mm ear mic Jack	
Bluetooth		No	Yes(Support v2.1, headset profile)
Speakerphone		Yes	
Button		2 soft keys, 5 ways navigation	
Illuminated Keypad		Yes(White color)	
Languages		8 languages(English, Italian, Spanish, Swedish, Russian, Turkish, German, Polish)	
Compatible System		iPECS UCP/eMG800/eMG80	
Base Station		iPECS GDC-600BE	
Talk/Standby/Charging Time		12hrs/80hrs/6hrs	
Battery		3.7V/1,150mAh Li-ion	
Ring Type		9 ring tones for internal and external	
AC/DC Adaptor	Input/Output	AC 100V~240V, 50/60Hz 0.2A input DC 5.1V 700mA 3.57VA output	
Charger	Display	Charging status LED	
	Connector	5 pin Micro-USB connector	
Operating temperature		0°C~40°C	

## Dimension & Weight

Model		Height(mm)	Width(mm)	Depth(mm)	Weight(Net,g)
iPECS GDC-480H	Handset	157.7	52.6	19	136(Include battery)
	Charger	80	80	65	80(Include battery)
iPECS GDC-500H	Handset	157.7	52.6	19	136(Include battery)
	Charger	80	80	65	80(Include battery)
iPECS GDC-600BE		237	220	63	390

## System Capacity

Model	DECT GW	Max GW per System	Max Cells	Max Registrations
iPECS UCP	WTIM4/8	3	24	UCP100 : 192
				UCP600/2400 : 255
iPECS eMG800	WTIB4/8	3*	24	192
iPECS eMG80	WTIB	1**	4	48

\* iPECS eMG800's WTIB has to be installed in same cabinet.  
\*\* iPECS eMG80's WTIB has to be installed in BKSU.

## Base Station



- Model : iPECS GDC-600BE
- Simultaneous Call : 6
- Power consumption(30V) : 52.8mA
- Cell Coverage(Outdoor) : 300m
- Max Cable Length : 600m

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