

Full Featured and Cost Effective IP-DECT Solution

Ericsson-LG Enterprise presents a new business IP-DECT solution. Various industries as education institutes, hospital and public administrations all can benefit from the solution, compatible both on-prem and cloud systems. 110db, single cell solution is a cost effective for small and medium size business. On the other hand, 130db, multi-cell solution is robust and full featured for SME and enterprise.

Single cell solution



Multi-cell solution



Cost effective mobility solution

- Single cell solution for small and medium size business (110db)
- Multi cell solution for all medium and large size enterprise (130db)
- Entry to ruggedized premium handsets for all requirements
- Compatible with Ericsson-LG Enterprise On-prem and Cloud solutions

Highly scalable and flexible network architecture

- Seamlessly scalable up to 254 bases and 1K DECT handsets per zone (130db)
- Roaming between zones are supported in the multi-cell solution (130db)
- Supports both air sync and LAN sync for wider coverage and flexible deployment (130db)
- Supports up to 20 DECT handsets and 5 simultaneous calls (110db)
- Supports one repeater for cost effective coverage expansion (110db)
- Geo redundancy call server failover support

Secure and easy deployment and management

- Secure Web interface configuration
- DECT handset Software Update Over The Air (SUOTA)
- CAT-iq support

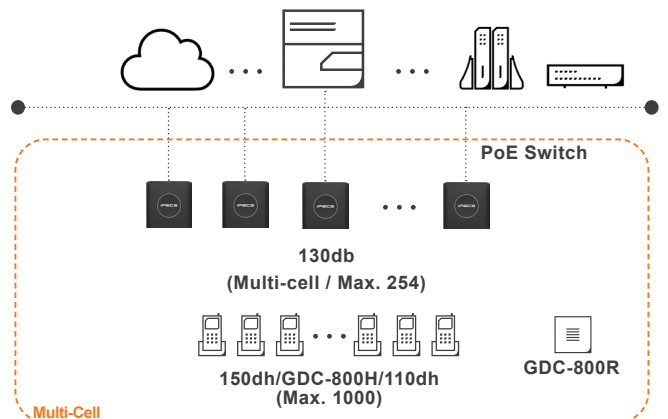
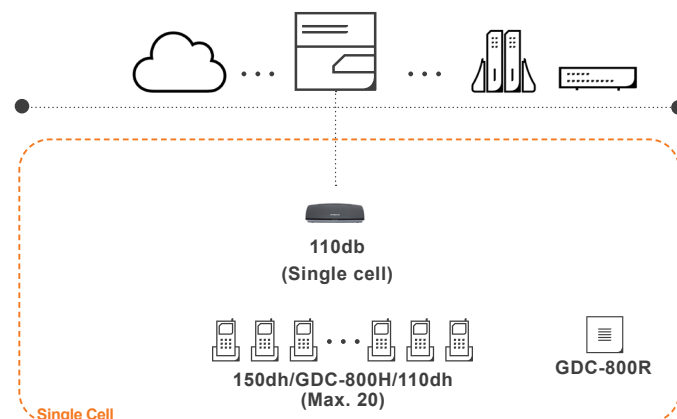
Business essential features with HD voice

- HD audio support (G.722)
- Wideband speakerphone
- Emergency alarm feature (150dh) - Emergency button, Man down, Pull-cord
- Multi-call operation
- One button voice mail access




Rich telephony features

- Redial
- Call log
- Caller name display
- Auto Answer
- One touch dialing
- Missed call notification
- Voicemail - New VM msg indication on LED
- Voicemail - VM access and manage
- Hold
- Multiple calls
- Call Toggle
- Call Transfer - Blind, Consultation
- Conference - Ad hoc, Room
- Call Forward - All, No Answer, Busy
- Call waiting
- Mute
- DND
- Speakerphone
- Call back
- Phonebook - Local (handset) / Central (Base Station)
- System directory
- Hotel check-out text msg notification (iPECS UCP / eMG)
- Supports 3rd party alarm / healthcare solution integration

Compatible with iPECS Cloud / UCM / UCP / eMG800 / eMG100 / eMG80

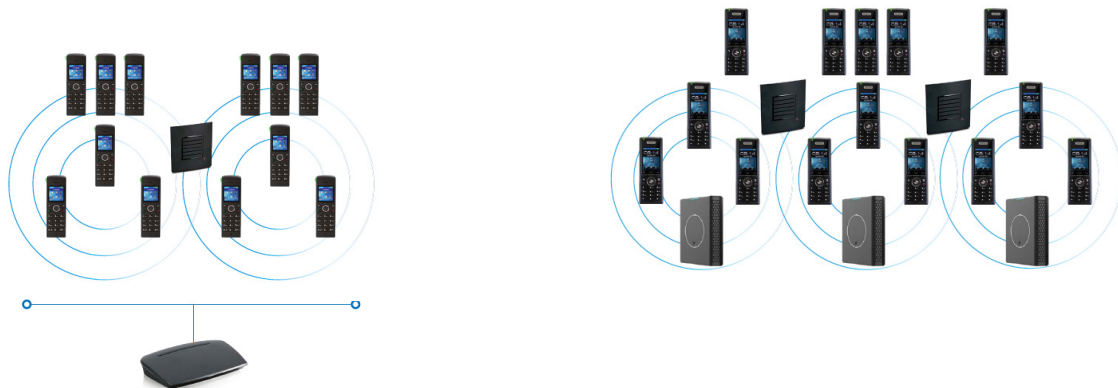


Specifications

Category	130db	110db	GDC-800R
Product	Base Station	Base Station	Repeater
Design			
Color	Black		
Frequency	1.88 – 1.93 GHz		
Radio RF power	Under 250mW		
Max no. of bases	254	Single base	Repeater
Max no. of repeaters	6	1	-
Max no. of user registration	1000 (up to system capacity)	20	-
Simultaneous calls (Multi / Single cell) per base	8 / 9	5	5 / 5
Sync	Air & LAN sync(IEEE1588)	-	-
Max Range (in / outdoor)	50/300M	50/300M	50/300M
Antenna	Internal omni-directional antennas		
Codec	G.711 PCM, G.722(Allows HD sound for the handset)		
Protocol	SIP, HTTPs/HTTP, RTP, DHCP, Static IP, FTP/TFTP, TCP/IP, UDP, SNTP		
Compatible System	iPECS Cloud / UCM / UCP / eMG800 / eMG80		
Input power	IEEE 802.3: POE Power class 2	AC 100-240V, 50-60Hz	AC 100~240V, 50/60Hz
Output power	<250 mW (for USA < 140mW)	DC 5V 1000mA	DC 5.5V 600mA
Power Consumption	1W	0.5W	0.5W
Operating Temperature	0°C ~ 40°C (32°F~104°F)		-10°C ~ 50°C (14°F~122°F)
Type Approval	· EU : Radio(EN 301406), Safety(EN 60950-1), EMC(EN 301 489-6, EN 301 489-1, EN 60945)		

Dimension

Model	Height(mm)	Width(mm)	Depth(mm)
130db	144	140	35
110db	118	177	32
GDC-800R	130	120	30



Specifications

Category	150dh	GDC-800H	110dh
Product	Handset	Handset	Handset
Design			
Color	Black		
HD audio support	Yes	Yes	Yes
Ambient noise reduction	Supported	N/A	N/A
LCD	2" TFT type Color LCD (176 x 220 pixels)	2" TFT type Color LCD (176 x 220 pixels)	1,44" TFT type Color LCD (128 x 128 pixels)
Call log	50	50	20
Local phonebook	250	100	50
Remote directory	Remote (LDAP) and Central directory (3000ea)*		
Bluetooth	Yes	N/A	N/A
Headset connector	Headset jack(3.5mm)		
Speakerphone	HD wideband speakerphone		
Antennas	Two antennas	Two antennas	One antennas
Button	3 soft keys, 4 navi-keys, ok button	3 soft keys, 4 navi-keys, ok button	2 soft keys, 4 navi-keys, ok button
Man-down alert	Supported	N/A	N/A
Pull cord	Supported	N/A	N/A
Emergency button	Supported	N/A	N/A
Languages	16 Multi Language (English, Español, Deutsch, Français, Italiano, Nederlands, Português, Dansk, Svenska, Türkçe, Polski, Norsk, Russian, Hrvatski, Srpski, Slovenian)		
Compatible Base Station	130db / 110db		
Talk/Standby Time	17h / 200h	18h / 200h	8h / 75h
Battery	3.7V, v1100mAh Li-ion	3.7V, 1100mAh Li-ion	2 AAA NiMh, 600mAh
Ring Tone	Polyphonic		
Vibrator	Yes	Yes	N/A
Operating Temperature	-10°C ~ 55°C (14°F~131°F)	-10°C ~ 50°C (14°F~122°F)	0°C ~ 40°C (32°F~104°F)
Housing	IP65	IP20	IP20

* Directory file size needs to be below 100k bytes

Dimension & Weight

Model	Height(mm)	Width(mm)	Depth(mm)	Weight(Net,g)
150dh	152	48	28	175
110dh	135	41	25	108
GDC-800H	140	45	15	135

The content of this document is subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson-LG Enterprise shall have no liability for any error or damage of any kind resulting from the use of this document.

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