Full Featured and Cost Effective IP-DECT Solution

Ericsson-LG Enterprise presents a new business IP-DECT solution. Industries such as education, healthcare, hospitality and public administrations all can benefit DECT technology. Ericsson-LG IP-DECT is compatible with on-prem and cloud deployments. The brand new 110dh handset offers a lower cost handset option for multi-cell IP-DECT deployments whilst the 130db base enhances coverage and capacity. Ericsson-LG IP-DECT products are ideally suited for all types of SME and enterprise businesses.

Multi-cell solution

130db / GDC-800R   **GDC-800H / 110dh**

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

- 130db: 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 & LAN sync for wider coverage and flexible deployment
- 110dh: Fully supported in a multi-cell DECT environment

Secure and easy deployment and management

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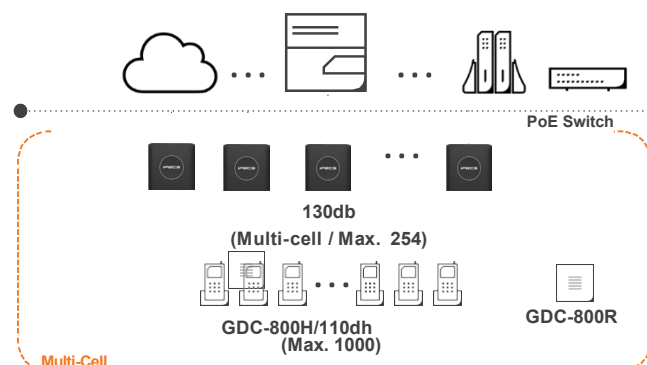- CAT-iq support

Business essential features with HD voice

- HD audio support (G.722)
- Wideband speakerphone
- 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)
- Phonebook - Central (Base Station)

*110dh is not able to initiate a multi-party conference call

Compatible with iPECS Cloud / UCP / eMG80

PoE Switch

130db
(Multi-cell / Max. 254)

GDC-800H/110dh
(Max. 1000)

GDC-800R

Multi-Cell

Specifications

Model	130db	GDC-800R
Product type	Base Station	Repeater
Design		
Frequency	1.88 – 1.93 GHz	
Radio RF power	Under 250mW	
Max no. of bases	*254	Repeater
Max no. of repeaters	3	-
Max no. of user registration	1000 (up to system capacity)	-
Simultaneous calls per base	8 / 9 (Multi / Single cell)	5 / 5 (Multi / Single cell)
Sync	Air & LAN sync(IEEE1588)	-
Max Range (in / outdoor)	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 / UCP / eMG80	
Input power	IEEE 802.3: POE Power class 2	AC 100~240V, 50/60Hz
Output power	<250 mW (for USA < 140mW)	DC 5.5V 600mA
Power Consumption	1W	0.5W
Operating Temperature	0°C ~ 40°C (32°F~104°F)	
Type Approval	– EU : Radio(EN 301406), Safety(EN 60950-1), EMC(EN 301 489-6, EN 301 489-1, EN 60945)	
Dimension (H*W*D)	144*140*130mm	130*32*30mm

254 base (0 repeater), 127 base (1 repeater), 50 base (3 repeater): no. of repeaters are supported accordingly

Model	GDC-800H	110dh
Design		
HD audio support	Yes	Yes
Ambient noise reduction	N/A	N/A
TFT Color LCD	2" (176 x 220 pixels)	1,44" (128 x 128 pixels)
Call log	50	20
Local phonebook	100	50
Remote directory	Remote (LDAP) and Central directory (3000ea)*	
Bluetooth	N/A	N/A
Headset connector	Headset jack(3.5mm)	
Speakerphone	HD wideband speakerphone	
Antennas	Two antennas	One antennas
Button	3 soft keys, 4 navi-keys, ok button	2 soft keys, 4 navi-keys, ok button
Man-down alert	N/A	N/A
Emergency button	Supported (OK button)	N/A
Languages	English, Español, Deutsch, Francais, Italiano, Nederlands, Português, Dansk, Svenska, Türkce, Polski, Norsk, Russian, Hrvatski, Srpski, Slovenian	
Compatible Base Station	130db / 110db	
Talk/Standby Time	18h / 200h	8h / 75h
Battery	3.7V, 1100mAh Li-ion	2 AAA NiMh, 600mAh
Ring Tone	Polyphonic	
Vibrate Alert	Yes	N/A
Operating Temperature	-10°C ~ 50°C (14°F~122°F)	0°C ~ 40°C (32°F~104°F)
Housing	IP20	IP20
Dimension & Weight (H*W*D)	140*40*14mm, 135g	135*41*25mm, 108g

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iPECS is an Ericsson-LG Brand

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