Transform Your Business Communication,
iPECS eMG800

iPECS
Your Communications Solution

iPECS eMG800 is Ericsson-LG Enterprise's response for SME challenges and needs. The result is an optimized SME solution built from the common challenges of SMEs in mind such as: Growth, Flexible IP converged capabilities, Unified Communications, Ease of use, Mobility, Single management, Scalability, Reliability and Cost-effectiveness.

Easy and economical UC

iPECS UCS Standard server is built into the eMG800. Users can use video, IM, audio conference, visual voice mail, as well as voice calls on one platform. An external server, iPECS UCS Premium server provides even more collaboration features.

Advanced telephony features and applications support your business

Pre-packaged embedded features and applications increases business competitiveness with effective communications with less cost. Those enhanced features and applications help users build a unified and efficient communications solution designed to fit any users business situation.

Multi-Tier Mobility

iPECS UCS mobile client, Mobile Extension, DECT, and Wi-Fi terminals are optimized with the iPECS eMG800. Mobile communications are available both in and out of the office.
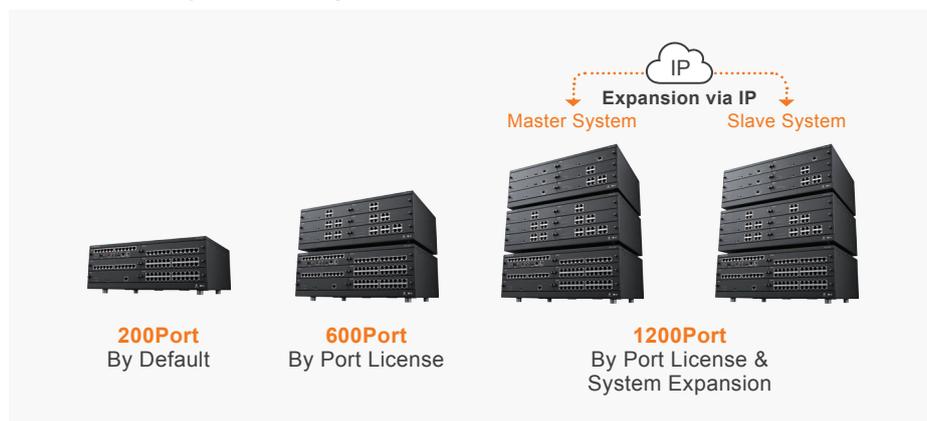
High-capacity VOIP with enhanced IP features

iPECS eMG800 supports complete single network IP solutions with high-capacity VoIP to protect your investment and seamlessly migrate to an IP converged world as an innovative Hybrid platform.

Simple installation and management

Web management (i.e. install wizard) based on HTML5 helps the administrator install and make changes to the configuration easily.

Seamless expandability with cost-effectiveness

IP
Expansion via IP
Master System   Slave System

200Port
By Default

600Port
By Port License

1200Port
By Port License &
System Expansion

Key Features

- Embedded UC
- Embedded AA/VM
- VM to Email forwarding
- Embedded Audio conference
- Embedded ACD
- One number service
- Multiple Call Handling
- Mobile extension service
- Teleworking
- Flexible deployment for multi-site environment
- Emergency paging
- Emergency call monitoring and recording
- Embedded Hotel features

Applications

- iPECS UCS (Standard & Premium)
- iPECS CCS
- iPECS Report Plus
- iPECS Attendant (Office & Hotel)
- iPECS NMS
- iPECS IPCR

Supported Terminals

- LIP-9070
- LIP-9000 Series
- LIP-8000E Series
- LDP-9000 Series
- LDP-7000 Series
- GDC-800H(IP DECT)
- GDC-500H
- GDC-450H
- WIT-400HE

3rd Party Applications

- TAPI (3rd Party)
- Fidelio I/F
- AMSI
- Microsoft Lync

System Capacity

		eMG800	eMG800 with Expansion System	
Max system Ports		600	1,200	
Trunk	Max Ports	536	600	
	Analog	204	408	
	PRI	360	600	
	IP Trunk	536	600	
Extensions	Max ports	600	1,200	
	TDM Extension	420	840	
	Digital	414	828	
	Analog	414	828	
	DECT	192		
	IP	600		
	Standard UC	200		
	Premium UC	600		
Integrated Telephony ports	Standard	6D + 6S	12D + 12S	
VoIP Channel	Built-in VoIP	4Ch	8Ch	
	Built-in VoIP Expansion	4Ch	8Ch	w/ License
	System Max.	600		w/ VOIB 8/24/128
Built-in VM		8Ch	8Ch + 8Ch	
Embedded UC	Default	5 copy for Desktop / 5 copy for Mobile		
	Max	200 copy for Desktop + Mobile		
Embedded Clickcall	Default	5 copy		
	Max	1,200 copy		
Attendant		5		
Serial Port(RS-232C)		1		
USB(3.0) Host Port		1		

Specifications

Item	Description	Specification
PSU	AC Voltage Input	100 ~ 240 +/- 10% Volt AC @47~63Hz
	AC Power consumption	350W
	AC Input Fuse	6.3A @ 250Volt AC
	DC Output Voltage	+ 5, + 30Volt DC
External Backup Battery	Input Voltage	24Volt DC
	Battery Fuse	15.0A @250Volt AC
	Charging Current	Max. 1A
	Battery Load Current	Max. 12A
Operating Environment	Temperature	0~40˚C
	Humidity	0~80% non-condensing
Dimension	KSU	170.2 x 440 x 325.4 (mm)
Weight	Basic KSU	6.2 kg (without PSU)
	Expansion KSU	6.25 kg (without PSU)

Product Components

Category	Component	Description
Cabinet	eMG800-KSU	Basic KSU
	eMG800-EKSU	Expansion KSU
Power supply	MG-PSU	Power Supply Unit
Controller	eMG800-MPB	Main Processor Board with embedded DSIU, VoIP and VM [DKT6+SLT6, AA : 4ch, VoIP : 4ch + 4ch(License)]
Function board	MG-DTIB12 / MG-DTIB24	12/24 Digital Phone Interface Board
	MG-SLIB12 / MG-SLIB24	12/24 SLT Interface Board
	MG-LCOB4 / MG-LCOB8 / MG-LCOB12	4/8/12 LCO Interface Board
	MG-PRIB	Digital Trunk Interface Board (1PRI or 1E1/R2)
	MG-BRIB2 / MG-BRIB4	2/4 BRI Interface Board (S0&T0 selectable, 4chs/8chs)
	MG-VMIB	Voice Mail Interface Board (8ch, 100hrs)
	MG-AAIB	Auto Attendant Interface Board (8ch)
	MG-VOIB8 / MG-VOIB24	8/24 Channel VoIP Interface Board
	eMG800-VOIB128	128 Channel VoIP Interface Board (Default 32ch)
	MG-WTIB4 / MG-WTIB8	4/8 Base Wireless Terminal Interface Board
Others	GDC-600BE	6 Channel DECT Base Station
	MG-MODU	MODEM Unit (33Kbps)
	MG-CMU4	4 Call Metering Unit (50Hz/12KHz/16KHz)
	MG-WMK	Wall Mount Bracket

* For more information and other components, refer to an order information or others.

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