Transform Your Business Communication, iPECS eMG800

iPECS
Your Communications Solution

iPECS eMG800 is an optimized SME solution built with 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.

Embedded UC and Telephony

As the most compelling advantage, Unified Communications services are embedded in iPECS eMG800. Users can improve business efficiency and productivity with embedded UC features including real-time voice, video and presence enabled IM with messaging services(Visual Voice Mail and SMS etc.) under a single user interface on multiple devices without the need of an external server. Also, it is seamlessly expandable to provide advanced collaboration services(File sending, application sharing and multi-party video conference etc.) by simply adding an external server.

Ultimate Flexibility

iPECS eMG800 enables flexible and cost-effective multi-site deployment. Users can experience iPECS eMG800's seamless and powerful communications. It can be fully networked in T-NET(Transparent Networking) or Networking mode for local survivability and PSTN failover. Through flexible T-NET features, IT managers can easily manage a multi-site architecture.

Wide Range of Mobility

iPECS eMG800 provides multiple mobility solutions for internal and external mobile workers. Through a wide range of mobility solutions, users can improve productivity and decrease communication expense. iPECS DECT and Wi-Fi phones provide feature rich and reliable communications for internal mobile workers. For external mobile workers, iPECS UCS mobile client delivers the power of a desktop phone to smartphones or tablet PCs. Also, Mobile Extension lets users place and receive business calls from their smart phone.

Seamless Scalability

As a scalable call server iPECS eMG800 allows businesses to easily expand capacity with optional gateways or boards. In addition, simple system port licensing enables upfront investment savings and cost-effective expansion as a business grows.
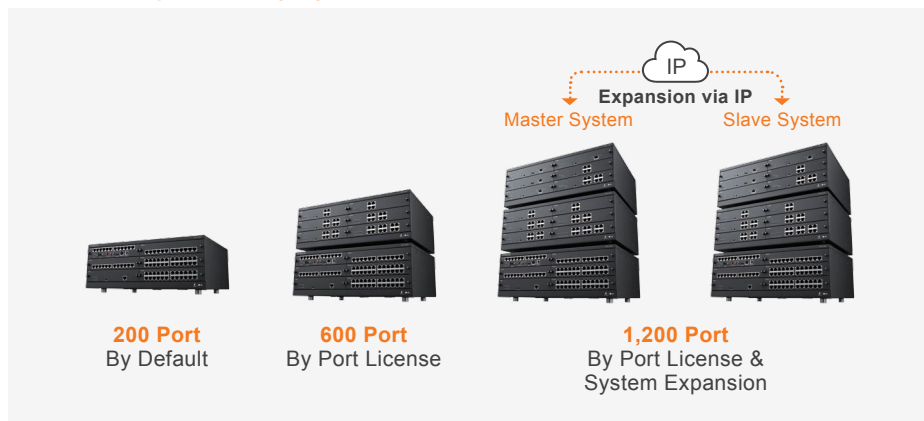
Rich Business Applications

iPECS eMG800 provides a various range of applications and mobile clients to fulfill varying needs and requirements in the SME environments. Also, it offers interoperability with various 3rd party solutions in hospitality, healthcare and other vertical industries.

Embedded VoIP

Embedded VoIP channels are one of the great advantages with iPECS eMG800. iPECS eMG800 supports complete single network IP solutions with high capacity VoIP to protect your upfront investment.(Max 8 channel by license) Also, it can seamlessly migrate to an IP converged world as an innovative hybrid platform.

Key Features

- Built-in iPECS UCS
- Built-in iPECS Clickcall
- Embedded VoIP
- Embedded Voice Mail
- Embedded ACD
- Embedded SIP
- Embedded audio conference
- Embedded hotel features
- Mobile extension
- One number service
- Web call back
- ACD call statistics for multiple group
- Emergency paging/call monitoring
- Simplified directory search and dial
- Custom MOH support
- VM to E-Mail forwarding
- Centralized Voice Mail
- Centralized control T-NET
- Web administration

Applications

- iPECS UCS
- iPECS Clickcall
- iPECS RCC Gateway
- iPECS Attendant(Office/Hotel)
- iPECS IPCR
- iPECS CCS
- iPECS Report Plus
- iPECS NMS

Supported Terminals

- LIP-9071
- LIP-9070
- LIP-9000 Series
- LIP-8000E Series
- IP8800E Series
- LDP-9200 Series
- LDP-9000 Series
- LDP-7000 Series
- LDP-DPB
- GDC-800H(IP DECT)
- GDC-500H/480H
- WIT-400HE

3rd Party Applications and Middleware

- TAPI(3rd Party)
- Fidelio I/F
- Microsoft Lync
- Tiger TMS for hospitality solution
- LAS for Healthcare solution

Seamless expandability by License

IP
Expansion via IP
Master System   Slave System

200 Port
By Default

600 Port
By Port License

1,200 Port
By Port License & System Expansion

System Capacity

		eMG800	eMG800 with Expansion System	
Max system Port		600	1,200	
Trunk	Max	536	600	
	Analog	204	408	
	PRI	360	600	
	IP Trunk	536	600	
Extensions	Max	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 Port		6D + 6S	12D + 12S	
VoIP Channel	Built-in VoIP	4 ch	8 ch	
	Built-in VoIP Expansion*	8 ch	16 ch	w/ License
	System Max	600		w/ VOIB 8/24/128
VM Channel	Built-in VM	4 ch	8 ch	
	Built-in VM Expansion*	8 ch	16 ch	w/ License
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		
BHCC		21,000		
Attendant		5		
Serial Port(RS-232C)		1		
USB(3.0) Host Port		1		

* Built in VoIP/VM is expandable as 4 ch/8 ch or 8 ch/4 ch.

Specifications

Item	Description	Specification
PSU	AC Voltage Input	100 ~ 240 +/- 10% Volt AC @ 47~63Hz
	AC Power Consumption	350 W
	AC Input Fuse	6.3A @ 250 Volt AC
	DC Output Voltage	+ 5, + 30 Volt DC
External Backup Battery	Input Voltage	24 Volt DC
	Battery Fuse	15.0A @ 250Volt AC
	Charging Current	Max 1A
	Battery Load Current	Max 12A
Operating Environment	Temperature	0(℃) - 40(℃)/32(℉) - 104(℉)
	Humidity	0 - 80%(Non-condensing)
Dimension	KSU	170.2 mm(W) x 440 mm(H) x 325.4 mm(D)
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
Call Server	eMG800-MPB	Main Processor Board with embedded DSIU, VoIP/VM : Default 4 ch/4 ch, Max 4 ch/8 ch or 8 ch/4 ch with 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, 4 ch/8 ch)
	MG-VMIB	Voice Mail Interface Board(8 ch, 100 hrs)
	MG-AAIB	Auto Attendant Interface Board(8 ch)
	MG-VOIB8/MG-VOIB24	8/24 Channel VoIP Interface Board
	eMG800-VOIB128	128 Channel VoIP Interface Board(Default 32 ch)
	MG-WTIB4/MG-WTIB8	4/8 Base Wireless Terminal Interface Board
Others	GDC-600BE	6 Channel DECT Base Station
	MG-MODU	Modem Unit(33 Kbps)
	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.

iPECS is an Ericsson-LG Brand

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