

# Design Your Business Communications with iPECS UCP

**iPECS**  
Your Communications Solution

iPECS UCP is Ericsson-LG Enterprise's unified communications platform designed to meet SMB and Enterprise communications needs. iPECS UCP is a ground-breaking innovative platform that provides out of the box UC and Mobility solutions.

## Simple Unified Communications

iPECS Unified Communications capability is built in to UCP. Users can use voice, video, instant messaging, conference calls and visual voicemail all on one simple and easy to use platform. UC is designed to be intuitive and provide your team easy to use tools and features.

## Reliable and Resilient

Total reliability is the only option for your communications. iPECS UC is designed to deliver complete resilience through geographic redundancy and inherent modular architecture.

## Anytime & Anywhere Connectivity

Access the power of your iPECS unified communications platform your way, regardless of your device or location using smartphone, tablet or PC applications.

## Integrated applications tailored to your needs

iPECS is designed to offer a range of enhanced applications from Ericsson-LG and other specialist application providers. Integration into standard office applications such as Microsoft Outlook or Lync, as well as other applications, means your communications are truly integrated.

## Leverage the latest standards based technologies

iPECS UCP helps you to make the most of the latest network technologies, such as SIP, optimise call costs using WiFi or use in-built voice conferencing to save on external conference services.

## Scale with your growth

iPECS is designed to deliver the flexibility you need as your organisation grows. Your communications can easily adapt to meet changing needs.



## Key Features

- iPECS UCS Client Support
- Auto Attendant/Voicemail Group
- E-Mail Notification
- Centralised Voicemail
- Embedded SIP
- Automatic Call Distribution (ACD)
- Web Administration
- System Geographic Redundancy
- Integrated presence
- Instant messaging, SMS and Note
- Audio conference calling
- Video Conference
- Click call
- Microsoft Exchange Server Integration
- Collaboration
- Outlook Synchronisation

## Ericsson-LG Enterprise Applications

- iPECS UCS Server (Standard & Premium)
- MS Lync RCC Client
- iPECS ClickCall
- iPECS Attendant
- iPECS IPCR

## Supported Terminals

- LIP-9070
- LIP-9000 Series
- LIP-8000E Series
- IP8800E Series
- LDP-7000 Series
- LDP-9000 Series
- LDP-DPB
- GDC-450H
- GDC-500H
- GDC-800H(IP DECT)
- WIT-400HE

## 3rd Party Applications

- TAPI
- Micros Fidelio
- iCall
- Microsoft Lync
- PHONE-LINK

## System Capacity

Category		UCP100	UCP600	UCP2400	Remark
Main cabinet			10 Slot		10 <sup>th</sup> slot for PSU
System channel	Basic	30	100	600	
	Max.	100	600	2,400	
Extension		100	600	2,400	
CO/IP Line		100	600	998	
Integrated Telephony ports	Standard	2FXS(SLT)	-	-	
	Option	4CO or 2BRI or 4BRI	-	-	
VoIP channels	Built-in VoIP	2~6Ch.*	6Ch.	-	In/Out-band SIP, Transcoding, Networking, Remote IP Phone/Devices
	Built-in VoIP Expansion**	16Ch.	24Ch.	-	with License(8ch increment)
	System Max.	100	600	998	with VOIM
Built-in Audio Conference		6/10/14/18	6/18	-	Shared resource with VoIP and built-in TDM
Built-in VM (UVMU)	Basic	4Ch./ 4Hrs	6Ch. / 6Hrs	-	
	Max.	4Ch./14Hrs	6Ch./16Hrs	-	with License
External VM	UVM	8Ch./50hrs by default, Max 16Ch./200Hrs			with License
UVM per system		100	100	100	
MCIM per system			30		
Attendant			50		
Serial Port (RS-232C)			1		
USB (3.0) Host port			1		

\* VoIP 2ch – BRIU4 in use on UCP100, VoIP 4ch – BRIU2/COIU4 in use on UCP100, VoIP 6ch – No TDM in use on UCP100

\*\*Out-band SIP, Networking, Remote IP Phone/Devices

## Power Requirement

Item	Description	Specification
Module AC/DC Adapter	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
	AC Current Input	1.0 amps
	DC Output	48 VDC @ 0.8 amps
Keypad AC/DC Adapter	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
	AC Current Input	0.2 amps
	DC Output	48 VDC @ 0.3 amps
PSU	AC Voltage Input	100~240VAC +/- 10%@ 50/60Hz
	Fuse	T6.3, AC250V
	DC Output	48 VDC, 5.3 amps / 5VDC@1amps

## Dimension & Weight

WxHxD (mm)	Standard Gateway Module	38.8 x 230 x 194.5
	Main Cabinet, Enhanced	440 x 265.6 x 318.2
	19" Rack Mount modules	436.6 x 53 x 318
Weight (Kg)	Standard Gateway Module	1.5
	Main Cabinet, Enhanced (with PSU module)	7.78 (9.32)
	19" Rack Mount modules	4.32

## Operating Environment

Temperature	0~40 °C / 32~104°F
Humidity	0~80% (non-condensing)

## Call Servers and Modules

Item	Board	Description
UCP Call Server	UCP100	Unified Communications Platform Server 100, Basic 30, Up to 100 ports
	UCP600	Unified Communications Platform Server 600, Basic 100, Up to 600 ports
	UCP2400	Unified Communications Platform Server 2400, Basic 600, Up to 2400 ports
	COIU4	4 ports Central Office Interface Unit daughter board for UCP100
	BRIU2/4	2/4 port Basic Rate Interface Unit daughter board for UCP100
Trunk Gateway	VOIM8/24	8/24ch VoIP Interface Module
	LGCM4/8	4/8 port Analog CO Interface Module
	BRIM2/4	2/4 BRI (4/8ch) Interface Module
	PRIM	1 port PRI (30ch) Interface Module
	T1PRI	1 port T1/PRI (23ch) Interface Module
	CMU50PR	Call Metering Unit (50/PR) for MFIM50A & UCP-LGCM4/8
	CMU12/16	Call Metering Unit (12K/16K/PR) for MFIM50A & UCP-LGCM4/8
Extension Gateway	DTIM8/24	8/24 port DTI Interface Module
	SLTM4/8/32	4/8/32 port Single Line Telephone Interface Module
Other Gateway	MCIM	32ch Audio Conference Interface Module
	VMIM	Voice Mail Interface Module (8ch/18hours)
	UVM	Unified Voice Mail (8ch/50hrs by default, expandable to 16ch/200hrs by licenses - UVMCL4, UVMML50)
	ES8G/8GP	8 port Gigabit Ethernet Switch/PoE
PC/Server specification for UCP Premium		Minimum hardware: CPU Intel Core i5 or higher, Memory 4GB RAM, Hard Disk minimum 1GB free space, NIC 100 Mbps Operating system: Windows Server 2008 SP2 or later, 2008 R2 SP1 or later, 2012 or later, 2012 R2 or later

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