

iPECS

Your Communications Solution

ERICSSON-LG ENTERPRISE COMMUNICATIONS SOLUTIONS

iPECS is an Ericsson-LG Brand



ENTERPRISE BUSINESS

iPECS Platforms

The value of any solution to an enterprise must be tied to the quantifiable results that can deliver to the organization. As an enterprise expands, these results become apparent as their workforce becomes mobile, global, and dependent on ease of communications and collaborations. For the business to perform and stay competitive, enterprises need tools that interoperate well together, bring fast, and well performed. With high quality interoperability, critical decision making can be faster and more efficient in the work environment.

To meet the enterprise needs, Ericsson-LG Enterprise offers the iPECS, converged IP enterprise communications solutions, that delivers a complete product lineup for unified communications including voice, data and applications for small to large enterprises. iPECS platforms, including call servers and gateways are at the heart of the iPECS solutions that have highly reliable hardware and software. Experience a fully distributed IP architecture and rich set of features.



iPECS UCP

Unified Communications Platform
for UC&C and Mobility Solutions



Simple, Flexible and Cost-Effective Platform

iPECS UCP is Ericsson-LG Enterprise's unified communications platform designed to meet SME and enterprise communications needs. As ground breaking innovative platform, iPECS UCP provides out of box UC and Mobility solution. In addition, iPECS UCP is scalable for premium UC solution. There are 3 models for your business size.(UCP100, UCP600, UCP2400)

As the most compelling advantage, unified communications services are embedded in iPECS UCP. 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.

iPECS UCP provides multiple mobility solutions to improve business productivity and decrease communication expenses. iPECS DECT and Wi-Fi phones provide feature rich and reliable communications for internal mobile workers. iPECS UCS mobile client delivers power of a desk phones to smartphones or tablet PCs for external mobile workers.

iPECS UCP 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.

Features and Benefits

Embedded UC and telephony

- iPECS UCS standard server is built in iPECS UCP
- iPECS UCS standard provides numerous features such as Video, Instant Message(IM), Audio Conference, Visual Voice Mail(VVM) etc.
- iPECS UCS premium server (External server) provides more advanced features than standard server

Seamless scalability

- Expansion of system capacity is available by a simple license up to Max 2,400 ports
- User can reduce initial and upfront investment cost
- Ability to expand with licenses as the business grows

Mobular All-IP architecture for ultimate flexibility

- Geographical call server redundancy and power redundancy
- T-NET(Transparent Networking) for local survivability and PSTN failover
- IT managers can easily manage a multi-site business network
- Realizing a seamless and powerful business communication

Improved business performance

- Diverse applications for user (iPECS IPCR, Attendant, NMS, Voice Mail, ClickCall and RCCV for MS Lync/SfB)
- Interoperability with various 3rd party solutions in hospitality, healthcare and other vertical industries with RESTful API supported
- Users can set up an efficient communications environment with various applications

Virtualizing business communications

- Software based call server (vUCP) runs on VMware or AWS
- Same software as on-premise iPECS UCP and all the system features as well.
- Easy deployment with scalability and flexibility with iPECS vUCP

iPECS eMG800

Innovative Hybrid Platform



Maximizing Cost and Communication Effectiveness

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.

Same as iPECS UCP, iPECS eMG800 also provides embedded unified communications services. Users can improve business efficiency and productivity with iPECS UCS built in standard or external premium server.

iPECS eMG800 supports complete single network IP solutions with high capacity embedded VoIP to protect your upfront investment. Also, it can seamlessly migrate to an IP converged world as an innovative hybrid platform.

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

iPECS eMG800 enables flexible and cost-effective multi-site deployment, and it makes users can experience seamless and powerful communications. Also, it can be fully networked in T-NET(Transparent Networking) for local survivability and PSTN failover. Through flexible T-NET features, IT managers can easily manage a multi-site architecture.

Features and Benefits

Embedded UC and telephony

- iPECS UCS standard server is built in iPECS eMG800
- iPECS UCS standard provides various features such as Video, Instant Message(IM), Audio Conference, Visual Voice Mail(VVM) etc.
- iPECS UCS premium server (External server) provides more various features than standard server

Seamless scalability

- Basic capacity is 200 ports
- Expandable up to 1,200 ports by a simple system expansion
- User can reduce initial and upfront investment cost

Simple and flexible architecture

- T-NET(Transparent Networking) for local survivability and PSTN failover
- IT managers can easily manage a multi-site business network
- Realizing a seamless and powerful business communication

Improved business performance

- Various applications for user (iPECS IPCR, Attendant, NMS, Voice Mail, ClickCall and RCCV for MS Lync/SfB)
- Interoperability with various 3rd party solutions in hospitality, healthcare and other vertical industries
- Users can set up an efficient communications environment with various applications

Embedded VoIP

- Embedded VoIP Max 8 channels by license
- Provides cost benefits on overall business communications for using VoIP channel

iPECS eMG80

IP/TDM Hybrid Communications Platform

As mobile offices increase, people need a more cost-effective and efficient system. iPECS eMG80 is designed as simple expansion architecture. Users can easily expand capacity as business grows.

iPECS eMG80 adopts VoIP technology running in optimized IP/TDM hybrid switching platform. The ability to communicate seamlessly over IP networks delivers advantages permitting SMEs to access efficiency and productive applications in a simple and cost effective manner.

iPECS eMG80 is the perfect system for users who are looking for a small and cost-effective system that also provides a mobility to increase business productivity. Experience a feature rich and cost-effective communications solution with iPECS eMG80.



Seamless expandability

- From 8~12 users to more than 100 users as business grows
- Multi cabinet architecture
- Configure dynamic system with multiple types of KSU

Cost-effective embedded VoIP

- Advanced VoIP technology supports low cost SIP trunking, on and off-premise mobility, remote connectivity and multi-site networking to overcome geographical boundaries
- 2 channels are provided as built-in service for small sized business customer
- Expandable up to 16 channels by a simple license

Embedded UC and telephony

- iPECS UCS standard server is built in iPECS eMG80
- iPECS UCS standard provides various features such as Video, Instant Message(IM), Audio Conference, Visual Voice Mail(VVM) etc.
- iPECS UCS premium server(External server) provides more various features than standard server

Flexible multi-site deployment

- iPECS eMG80 enables flexible and cost-effective multi-site deployment as local/branch system
- Local survivability and PSTN back-up service(Fail-over)

Wide range of mobility

- Supports iPECS DECT and Wi-Fi phones for internal mobile workers
- iPECS UCS mobile client delivers the power of a desktop phone to smart phones or tablet PCs for external mobile workers
- Mobile extension lets users place and receive business calls from their smartphones

APPLICATIONS

Empowering Business Communications and Collaborations

To enrich the business communications experience and empower collaboration, applications are critical in addition to IP telephony platforms. Ericsson-LG Enterprise provides a variety of software applications for business communications and collaboration.

iPECS UCS(Unified Communications Solution) is designed for enterprise business customers, Phontage is an IP based soft client that can fully replace a desktop keyset. TAPI based office CTI application and PC based attendant console are also available with all the platforms.

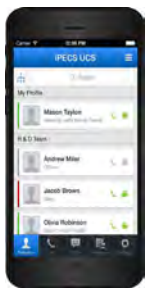


iPECS UCS

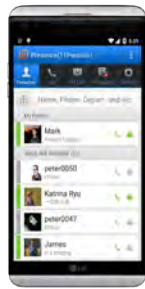
Unified Communications
Solution for Enhancing
Business Performance



[Desktop client for Win/Mac]



[iOS]



[Android]

iPECS UCS is a powerful multimedia collaboration and productivity enhancing application which is exclusively designed for small and medium sized businesses. Users can experience powerful UC solution without concerns over expenses thanks to a single server architecture. The rich features, capability and the ability to integrate 3rd party solutions are well-suited for small and medium sized customer's UC environment.

** iPECS UCS features are different depend on Basic, Advanced, Premium version.*

Integrated Presence

- Instant decision on reachability by status color
- Save time and cost through real-time communications with people who are available for collaboration
- Integrated DND setting is available for both iPECS UCS client and desktop phone at the same time

Instant Messaging, SMS and Note

- Various chatting mode(1:1, 1:N, Ad-hoc)
- Inviting others by drag and drop
- Packet encryption by AES
- Send and receive text message to other internal iPECS system or external SMS users
- Leave a note for offline iPECS UCS user

Audio Call & Conference

<Audio Call>

- Call popup : Display caller's information based on CID
- MS Outlook popup : Display caller's contact information in MS Outlook based on CID
- Call memo : Noting important information during a call

<Audio Conference>

- Easy conference building by graphical user interface and drag and drop
- Conference control features : Invite, Remove, Mute, Changing Master, Record

Video Call & Conference

- Build face to face conference at anytime, anywhere
- Maximum 9 party, 8 group video conference
- Video resolution : QCIF, CIF, VGA, 4CIF (704 x 480/576)
- Ad-hoc conference
- Meet-me conference and e-mail notification
- Application sharing during conference
- Remote monitoring, still shot
- Presentation mode (1:32)

Collaboration

- More effective and productive work with others
- File Send
- Program sharing
 - Application : Sharing documents, spreadsheets, presentations and drawing in real time
 - Desktop : Sharing desktop screen
- Web push : Sharing web page address
- Whiteboard : Sharing drawings and free-form text

iPECS ClickCall

Significant Change
in Your Office
Communications



[iPECS ClickCall]

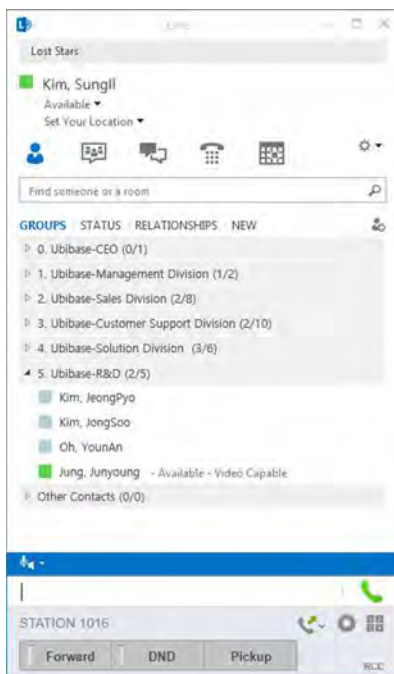
iPECS ClickCall is a smart application used to make communications simpler and easier when working with a PC. All you need to do is drag a telephone number from any Windows application such as a website, Windows document or any application running on your PC. You don't need to memorize a phone number to make a call from a desktop phone. You can even reduce the chances of delays or mistakes made by pressing buttons when making a call in desktop phone.

- Click to call from any selectable number in Windows application
 - Easy dialing of selectable number from Windows applications
 - Show dialed call log up to 10
 - Exit/Setup only through the icon in Windows tray
 - Setup dialing information
 - Multi language support
- Call control client without voice module
- Easy installation : Simple call client without dedicated server

iPECS RCCV for MS Lync/SfB

Easy and Simple Remote
Call Control Solution

Through iPECS RCCV (Remote Call Control), users can easily handle outgoing/incoming calls with a simple click on MS Lync/SfB(Skype for Business). iPECS RCCV for integration with MS Lync/SfB consists of 'RCC' and 'RCCV Client'. For flexible deploying on various office environments, iPECS RCC provides various scenarios. It provides two types of user scenario. Users can do remote control of iPECS desk phones with 'RCC mode' and SIP voice communication with 'VC mode'. iPECS RCCV solution is available in Cloud Service solution as well as on-premise solution.



[iPECS RCCV]

iPECS RCCV configuration

- Linkage with both desktop phone and MS Lync/SfB Client presence
- Desktop phone control in iPECS RCCV Client
- MS Plus CAL(Client Access License) to be replaced by the iPECS RCCV solution in two concepts

iPECS RCCV Client user interface

- On installation of the iPECS RCCV client, it will be shown and positioned underneath of MS Lync/SfB Client
- When right click on MS Lync/SfB contact list, "Make Call(s)" menu will be shown
- The station number will be displayed as shown in the "desktop phone" number assigned by the Active Directory

iPECS RCCV Client features

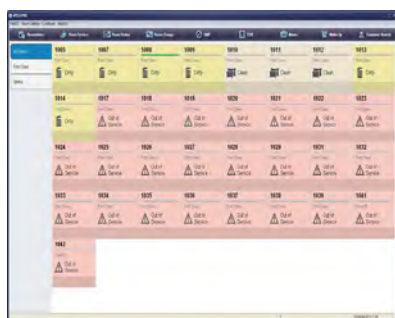
- 'RCC Mode' for desktop phone call control solution : MS Lync/SfB with iPECS RCCV Client and desktop phone
 - Remote call control for iPECS desktop phones in iPECS RCCV Client
 - Desktop phone status updated to MS Lync/SfB presence
- 'VC Mode' for SIP voice communication solution : MS Lync/SfB with iPECS RCCV Client
 - iPECS RCCV Client as a SIP extension
 - No iPECS RCC Gateway needed
 - MS Lync/SfB calls for MS Lync/SfB clients
 - iPECS RCCV Client soft phone status updated to MS Lync/SfB presence

Software Attendant Console

Operator and Information Solutions



[iPECS Attendant Office Version]



[iPECS Attendant Hotel Version]

Ericsson-LG Enterprise provides PC based software attendant consoles that integrate telephony with external call data and workforce information. The applications simplify call handling and meet evolving communications requirements. As the operator consoles for Ericsson-LG Enterprise's communications systems, iPECS Attendant gives highly efficient telephony connections for attendants, receptionists and secretaries.

iPECS Attendant

iPECS Attendant is the IP based attendant console with soft phone function, hotel features and an improved user interface. Based on the iPECS platforms that integrated with iPECS Attendant, the supported features are various for quick and easy call handling.

Embedded IP soft phone functions

- Various call features without an external desktop phone
- High quality voice communications using a PC or laptop

Desktop call control mode (Supported over Ver. 2.6)

- Additional option for an attendant using desktop IP phone for voice
- Supports Same call features as in iPECS Attendant softphone mode

Easy to use interface

- Wait time and priority based call handling with caller information
- Quick and easy call handling with simple click or drag and drop
- Desktop phone and status presence based call routing
- iPECS UCS presence information display
- Busy Lamp Field (BLF) and status information display
- Shortcut keys for frequently used functions
- Pre-selected and customized station status message setting
- Station setting modification: Station name, COS, Temporary COS, attendant cancel, music selection
- Attendant status change : Day, Night, On demand, Weekend, Auto ring, Forward

Simple directory and database management

- Local phone book import and export
- Database and system component back up to the local hard disk drive
- Multiple local database interface
- Support MS Outlook integration
- Phone book management : Register, Edit, Delete, 17 database fields, Dynamic search, Sort, Filter

More productivity enhancement features

- Dialing options : Keypad dialing, click to call from the phone book, station icon, log view and speed dial
- Video call, Conferencing, Call recording, Text messaging, E-mail notice, Paging, Emergency call monitoring, etc.
- Multiple attendants' monitoring and superb statistical reporting of all calls

Hospitality features

- Check in/out, wake up call, room status, room cut off, hotel reservation part-time of room charge calculation, add additional service charge option etc.
- Wake-up call management: Multiple wake-up, group set, optional set
- iPECS Attendant Hotel for basic PMS functionality
 - Check-out billing service, Custom billing format
 - System Information update in real-time (PMS DB sync)
 - DND service, message service
 - Room class (COS) setting, Room change and automatic change of COS when check out

PHONES

Business Communications Phones

To an end user, the telephone that sits on the desk is the system. It is the critical interface that determines how easy it is to use the system, and in turn, how productive, effective and satisfied they can be. That's why Ericsson-LG Enterprise offers a wide range of user friendly business portfolio to fit any business.

Ericsson-LG Enterprise IP phones support a comprehensive suite of telephony features and applications with solutions designed to meet varying communications needs from small to large environments.



IP Phones

Enjoy the wide selection of system IP phones from entry level to professional business phones. LIP-9000 series designed to best fit the users' business needs and Ericsson-LG Enterprise proprietary protocol provides fully integrated system features just like a conventional feature rich PBX solution.

Simple installation and maintenance are designed into the phones. Managers and administrators can access the system via the web admin from any remote location. The intuitive user interface helps manage sophisticated feature configuration and easy maintenance routines.

LIP-9071

Enhanced Touch Screen IP Video Phone

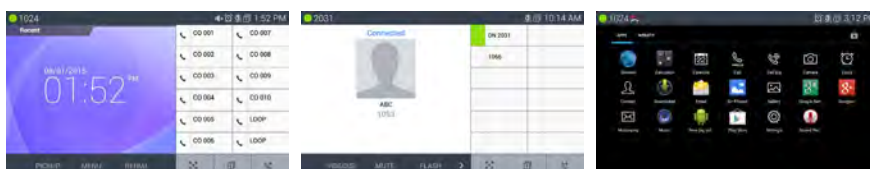
LIP-9071 is a high-end IP video phone with diverse UC features. iPECS platforms are integrated with LIP-9071 to support the iPECS UC solution and NFC tagging is provided for easy access to smart office solutions. This high-end video phone supports HD quality video and voice communications. LIP-9071 will give you a more effective work environment.



- 7 inch LCD with touch screen
- HD video call
- 3 way audio conference
- MCID through XML service
- Built in camera
- Bluetooth and Wi-Fi dongle support
- Built in HDMI interface
- NFC tagging support
- 3rd party Android applications

Software Menu and Application

- Home Page
- Calculator
- Clock
- Gallery
- Station SMS
- Launcher
- Setting
- Calendar
- Contact
- Music
- Call Log
- Camera





LIP-9040C

Professional Gigabit IP Phone with Color graphic LCD

- 8 line color graphic with backlit(480x272)
- 36(12x3page) programmable feature keys with 3 color LED
- 2 Gigabit LAN port (10/100/1000 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9040

Professional Gigabit IP Phone

- 8 line gray scale graphic with backlit(320x144)
- 36(12x3page) programmable feature keys with 3 color LED
- 2 Gigabit LAN port (10/100/1000 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9030

Mid Range Gigabit IP Phone

- 6 line gray scale graphic with backlit(320x112)
- 24(8x3page) programmable feature keys with 3 color LED
- 2 Gigabit LAN port (10/100/1000 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9020

Standard Gigabit IP Phone

- 4 line gray scale graphic with backlit(320x80)
- 10 programmable feature keys with 3 color LED
- 2 Gigabit LAN port (10/100/1000 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9010

Simple Functionality for a Basic Level IP Phone

- 3 line gray scale graphic with backlit(320x48)
- 5 programmable feature keys with 3 color LED
- 2 LAN port (10/100 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9008G

Featured Entry Level Gigabit IP Phone

- 4 line gray scale graphic with backlit(128x64)
- 8 programmable feature keys with 3 color LED
- 2 Gigabit LAN port (10/100/1000 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9008

Featured Entry Level IP Phone

- 4 line gray scale graphic with backlit(128x64)
- 8 programmable feature keys with 3 color LED
- 2 LAN port (10/100 Base-T)
- Wide Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support



LIP-9002

Entry Level IP Phone

- 2 line gray graphic with backlit(128x32)
- 4 programmable feature keys with 3 color LED
- 2 LAN port (10/100 Base-T)
- Narrow Band Speaker phone
- PoE(802.3af)
- LLDP-MED/802.1x security support
- Open VPN support

IP DECT

Business IP DECT Solution

Ericsson-LG Enterprise provides a new and cost effective business IP DECT solution with rich DECT features for both enterprises and small to medium-sized businesses. Make your Enterprise IP wireless with iPECS IP DECT solution.



150dh

- Feature rich 2 inch TFT color LCD
- 50 call log
- 250 local phonebook
- Dedicated emergency button
- Man-down support
- Pull cord support
- Ruggedized design with IP65 compliant
- Ambient noise reduction
- Bluetooth pairable
- HD audio speaker phone
- Vibrator
- Headset jack(3.5mm)
- 16 languages
- Voice encoding : G.711/G.722
- Standby 200hrs/Talking 17hrs



GDC-800H

- Feature rich 2 inch TFT color LCD
- 50 call log
- 100 local phonebook
- Emergency button (ok button)
- HD audio speaker phone
- Vibrator
- Headset jack(3.5mm)
- 16 languages
- Voice encoding : G.711/G.722
- Standby 200hrs/Talking 18hrs



110dh

- Feature rich 1.44 inch TFT color LCD
- 20 call list storage capacity
- 50 local phonebook
- HD audio speaker phone
- Headset jack(3.5mm)
- 16 languages
- Voice encoding : G.711/G.722
- Standby 75hrs/Talking 8hrs



130db

- Multi-cell IP-DECT base for SME & Enterprise
- Max 254 base stations in a zone
- Up to 1,000 handset registrable
- 8/9 simultaneous calls per base (Multi-cell case/Single cell case)
- Narrow or Wide Band Audio
- Multi-Authentication
- Software Upgrade Over The Air (SUOTA)
- Air sync and LAN sync
- SIP Protocol
- IP security TLS 1.2, sRTP
- Statistics (Call data, System data, DECT data)
- Central directory



110db

- Cost effective single cell IP-DECT base for small offices
- 1 repeater for coverage expansion
- Up to 20 users can be registered
- 5 simultaneous calls
- Narrow or Wide Band Audio
- Central directory
- SIP Protocol
- IP security TLS 1.1, sRTP
- Statistics (Call data, System data, DECT data)



GDC-800Bi

- Multi-cell IP-DECT base for SME for GDC-800H
- Max 127 base stations in a zone
- Up to 1,000 handset registrable
- 8 simultaneous calls,
- Software Upgrade Over The Air(SUOTA)
- Air Sync
- IP security TLS, sRTP
- Statistics (Call data, System data, DECT data)



GDC-800R

- DECT repeater for coverage expansion
- Up to 6 repeaters per 130db/GDC-800Bi
- Up to 1 repeaters per 110db
- Up to 3 repeaters in daisy chain

DECT

Business DECT Solution

Business DECT solution provides fully integrated system features with cost effective way. iPECS DECT solution's flexible deployment architecture will empower your business.



GDC-500H

- Ruggedized design for advanced functionality
- Feature rich 2 inch TFT color LCD
- Bluetooth headset support
- Serial port for software upgrade and direct charging
- Speaker phone
- Scanning 5 base stations as candidates for handover
- Standby 100hrs/Talking 10hrs
- 2.5mm ear mic jack



GDC-480H

- Ruggedized design for advanced functionality
- Feature rich 2 inch TFT color LCD
- Serial port for software upgrade and direct charging
- Speaker phone
- Scanning 5 base stations as candidates for handover
- Standby 100hrs/Talking 10hrs
- 2.5mm ear mic jack



GDC-600BE

- Base station for GDC-500H, GDC-480H
- 6 simultaneous calls
- Scalable from 1 to 72 bases in a zone
- 3 LED indicators

Digital Phones

LDP-9200 series are Ericsson-LG Enterprise's digital desktop phones that bring the functionality to the desktop with display based interfaces, call log, self labeling keys, and simplified administration. Also, Ericsson-LG Enterprise digital desktop phones meet the diverse requirements for features, reliability, ease of use, and productivity as well as ergonomic user friendly design.



LDP-9240D

- 8 line graphic LCD with backlit(320x144)
- 24(12x2pages) programmable feature keys with Dual LED
- Wide Band Speaker phone
- Support button kit and EHSA



LDP-9224DF

- 3 line graphic LCD with backlit(192x36)
- 24 programmable feature keys with Dual LED
- Wide Band Speaker phone
- Support button kit and EHSA



LDP-9224D

- 3 line 24 character LCD
- 24 programmable feature keys with Dual LED
- Narrow Band Speaker phone
- Support button kit and EHSA



LDP-9208D

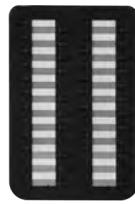
- 2 line 24 character LCD
- 8 programmable feature keys with Dual LED
- Narrow Band Speaker phone
- No support button kit and EHSA



LIP-9012DSS



LIP-9024DSS



LDP-9248DSS



EHSA
(Electronic Hook Switch Adaptor)

	LIP-9012DSS	LIP-9024DSS	LDP-9248DSS
DSS keys	12(3 color LED)	24(3 color LED)	48(3 color LED)
Underlay	Paper	Paper	Paper
Support	LDP-9224DF/40D	LDP-9224DF/40D	LDP-9224D/24DF/40D
DSS connection	1	1	Up to 2

EHSA	
Support	LDP-9224D/24DF/40D
Detail	Compatible with Plantronics Sennheiser and Jabra*
	Package of EHSA and foot stand

* Compatible Model : Plantronics CS500 Series, SAVI 700 Series / Jabra Pro 920 Series, Pro 9400 Series

Analog

Single Line Telephones

The LKA series contains a set of user friendly features and secure connection to Ericsson-LG Enterprise PBXs.



LKA-220C

- 16 digits, 3 line LCD
- OHD(On Hook Dial)
- Ring lamp/Direct memory(3)



LKA-210

- 16 digits, 3 line LCD
- Speaker phone
- Ring lamp/Direct memory(3)



LKA-200

- Simple SLT
- 3 memory buttons
- Redial/Volume control