

LG - Ericsson IP Phone 8800 Series

MODEL NAME [MODEL CODE]	IP8802/8802A	IP8815	IP8820	IP8830	IP8840
INTERFACE					
1. NETWORK INTERFACES - LAN - WI-FI - BLUETOOTH	Y [2 10/100 BASE T] N N	Y [2 10/100 BASE T] N N	Y [2 10/100 BASE T] N N	Y [2 10/100 BASE T] Y [OPTION, PACKTYPE] Y [OPTION, PACKTYPE]	Y [2 10/100 BASE T] Y [OPTION, PACKTYPE] Y [OPTION, PACKTYPE]
2. HEADSET SUPPORT	N	Y	Y	Y	Y
3. KEYPAD - SOFTKEY - NAVIGATION KEY - PROGRAMMABLE BUTTON	N Y Y [4]	Y [3] N Y [8]	Y [3] Y Y [12]	Y [3] Y Y [24]	Y [3] Y Y [10]
4. POWER - LOCAL/POE[802.3AF]	Y/Y [IP8802 ONLY]	Y/Y	Y/Y	Y/Y	Y/Y
5. OTHERS - DSS [LED,LCD]	N	N	Y	Y	Y
DISPLAY					
1. LCD SIZE	2 LINE 128 X 32	5 LINES 148 X 80	3 LINES 240 X 42	4 LINES 240 X 56	9 LINES 240 X 144
2. LCD TYPE	GRAY SCALE GRAPHIC	GRAY SCALE GRAPHIC	GRAY SCALE GRAPHIC	GRAY SCALE GRAPHIC	GRAY SCALE GRAPHIC
3. BACKLIT	N	N	Y	Y	Y
4. LANGUAGE	ENGLISH, FRENCH, SPANISH, DANISH, ETC	ENGLISH, FRENCH, SPANISH, DANISH, ETC	ENGLISH, FRENCH, SPANISH, DANISH, ETC	ENGLISH, FRENCH, SPANISH, DANISH, ETC	ENGLISH, FRENCH, SPANISH, DANISH, ETC
IP TELEPHONY					
1. PROTOCOL - SIP - MGCP	Y N	Y Y	Y Y	Y Y	Y Y
2. ECHO CANCELLATION - VAD/CNG	Y	Y	Y	Y	Y
3. QOS	DYNAMIC JITTER BUFFERING, 802.1P/Q, LAYER 3 TOS, DIFFSERV	DYNAMIC JITTER BUFFERING, 802.1P/Q, LAYER 3 TOS, DIFFSERV	DYNAMIC JITTER BUFFERING, 802.1P/Q, LAYER 3 TOS, DIFFSERV	DYNAMIC JITTER BUFFERING, 802.1P/Q, LAYER 3 TOS, DIFFSERV	DYNAMIC JITTER BUFFERING, 802.1P/Q, LAYER 3 TOS, DIFFSERV
4. IP ADDRESS - STATIC/DHCP	Y	Y	Y	Y	Y
5. PROVISIONING [HTTPS, TFTP]	Y	Y	Y	Y	Y
6. NAT TRAVERSAL	Y	Y	Y	Y	Y
7. NETWORK PROTOCOL	TCP/IP, DHCP, NAT, IPV4, STUN, HTTPS, TFTP, SNTP, RTP, DNS SRV, FTP, UDP, ARP, HTTP	TCP/IP, DHCP, NAT, IPV4, STUN, HTTPS, TFTP, SNTP, RTP, DNS SRV, FTP, UDP, ARP, HTTP	TCP/IP, DHCP, NAT, IPV4, STUN, HTTPS, TFTP, SNTP, RTP, DNS SRV, FTP, UDP, ARP, HTTP	TCP/IP, DHCP, NAT, IPV4, STUN, HTTPS, TFTP, SNTP, RTP, DNS SRV, FTP, UDP, ARP, HTTP	TCP/IP, DHCP, NAT, IPV4, STUN, HTTPS, TFTP, SNTP, RTP, DNS SRV, FTP, UDP, ARP, HTTP
8. XML	N	Y	Y	Y	Y
9. SECURITY - TLS, SSL, MD5, AES, DES	Y	Y	Y	Y	Y
10. WIDEBAND VOICE	N	Y	Y	Y	Y
FEATURES					
1. REDIAL	Y	Y	Y	Y	Y
2. HOLD	Y	Y	Y	Y	Y
3. CALL WAITING	Y	Y	Y	Y	Y
4. CALL PARK/CALL PICK UP	Y	Y	Y	Y	Y
5. MUTE	Y	Y	Y	Y	Y
6. TRANSFER	Y	Y	Y	Y	Y
7. FORWARD	Y	Y	Y	Y	Y
8. CONFERENCE	Y	Y	Y	Y	Y
9. SPEAKER PHONE	Y	Y	Y	Y	Y
10. VOLUME UP/DOWN	Y	Y	Y	Y	Y
11. HEARING AID COMPATIBLE	Y	Y	Y	Y	Y
12. MW INDICATOR	Y	Y	Y	Y	Y
13. DIRECT MAIL/MESSAGE ACCESS	Y	Y	Y	Y	Y
14. AUTO DIAL[SPEED DIAL]	Y	Y	Y	Y	Y
15. CALL LOG	Y	Y	Y	Y	Y
16. CALLER ID	Y	Y	Y	Y	Y
17. DISTINCTIVE RING/MULTI-RING	Y	Y	Y	Y	Y
18. MULTI LINE	N	Y	Y	Y	Y
19. DIRECTORY/PHONE BOOK	Y	Y	Y	Y	Y
MANAGEMENT/PHONE ARCHITECTURE					
1. AUTO/REMOTE UPATE	Y	Y	Y	Y	Y
2. WEB MANAGEMENT	Y	Y	Y	Y	Y
3. PHONE TILTING	N	Y [2 LEVEL BRACKET]	Y [2 LEVEL BRACKET]	Y [2 LEVEL BRACKET]	Y [2 LEVEL BRACKET]
4. WALL MOUNT	Y [OPTION BRACKET]	Y	Y	Y	Y

You can check the latest interoperable list of call servers and IP PBXs as well as headsets on the LG-Ericsson web page www.lgericsson.com

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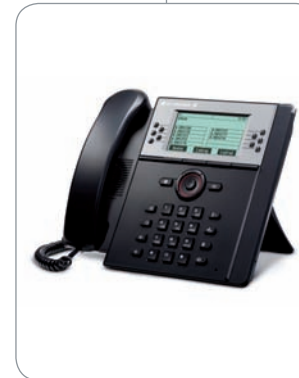
Advanced Solutions for IP Communications



IP PHONE 8800 SERIES

The most
advanced equipment
for the simplest
VoIP experience

LG-Ericsson
provides the best
communications solutions
enriching the human
experience.



The company is dedicated to the development of cutting edge telecommunications equipment and network solutions, spanning wired and wireless technologies, to service providers and enterprise customers around the world.

LG-Ericsson ensures its competitiveness through reliable, easy to use topnotch products and a diversified portfolio of solutions that fit the need across all segments for global markets. With a workforce of over 1000 highly skilled engineers, we continuously enhance the way communications are done.

The LG-Ericsson IP phones are cost effective, simple to install and easy to use with minimum disruption as your business transitions to the IP environment.

➤ Why IP telephony?

The IP telephony market is rapidly growing as more companies recognize the benefits of using IP telephony in their enterprise infrastructures: a single network for voice, data and video.

IP delivers significant cost savings and integrates new applications increasing employee collaboration. As the work force becomes more mobile: moving between desks, conference rooms, offices and even

branch, enterprises are moving rapidly to adopt advanced IP technology. Most enterprises and SMBs are now looking to cut costs, and one way they hope to do that is by incorporating IP telephony into their IP-based communications networks.

VoIP technology is therefore an irresistible trend in the communications world simply making communication better while being easy and cost-effective to deploy.

- ➔ IMPROVED PRODUCTIVITY
- ➔ ACCESS TO NEW APPLICATIONS AND SERVICES
- ➔ COMPELLING COST BENEFITS
- ➔ VoIP IS THE WAY TO GO FOR ALL BUSINESS SEGMENTS

It is time to improve your communications utilizing LG-Ericsson IP phones!

LG-ERICSSON VoIP SOLUTIONS



IP PHONE 8802

Cost effective, optimized functionality for entry level usage such as in the office and retail stores



IP PHONE 8815

Simple functionality for entry level usage such as in the office and lobby



IP PHONE 8820

Standard IP phone provides the perfect combination of features and performance for most office workers



IP PHONE 8830

Mid range choice to address the needs of managers or answering positions



IP PHONE 8840

Strategic information & communications terminal with high end functionality designed to boost the productivity of Knowledge workers and other critical employees as well as administrative personnel



IP8800 ACCESSORIES

Key Expansion Modules (DSS), Wi-Fi/Bluetooth modules are accessories to the IP8800 series portfolio, which delivers investment protection and mobility

We have the IP Phone for any size organization.

Our phones let you enjoy all of the benefits of VoIP telephony packed with a wide range of innovative features.

➤ Introducing the new LG-Ericsson IP Phone 8800 Series

The LG-Ericsson IP Phone 8800

series is the exciting and new

IP Phone series for enterprises

around the globe that is

dedicated to providing the user

with a highly reliable desktop IP

telephony experience combined

with LG-Ericsson's feature-rich

communications equipment.

To exploit the advantages of IP telephony to its fullest, you need the right terminal. LG-Ericsson offers the broadest array of IP terminals ranging from a basic entry level IP phone that lets you enjoy the benefits of IP telephony in its simplest form to the highly sophisticated needs of executives and global communicators.

The LG-Ericsson IP Phone 8800 series improves the quality over cost equation, driving personal productivity, improving customer service and increasing revenue opportunities for your business. Our IP phones make moving easier as companies expand and users need to change offices. Just connect the phone to the LAN, its automated provisioning routines take over, you are now set to place a call. Moves, adds and changes are no longer an obstacle.

➤ Key features

AUTOMATED PROVISIONING CONFIGURATION

PROGRAMMABLE FLEXIBLE KEYS:
UP TO 4/8/12/24/10 (IP8802/IP8815/
IP8820/IP8830/IP8840 MODELS
RESPECTIVELY)

LINE APPEARANCES: UP TO 8/12/24/10
(IP8815/IP8820/IP8830/IP8840 MODELS
RESPECTIVELY)

ENCRYPTED CONFIGURATION FILES

PASSWORD CONTROLLED WEB-BASED CONFIGURATION

ENHANCED VOICE QUALITY USING
WIDEBAND CODEC

LINE LED'S INDICATING CALL STATUS

AVAILABLE SIDE CAR TO EXPAND
FLEXIBLE BUTTONS

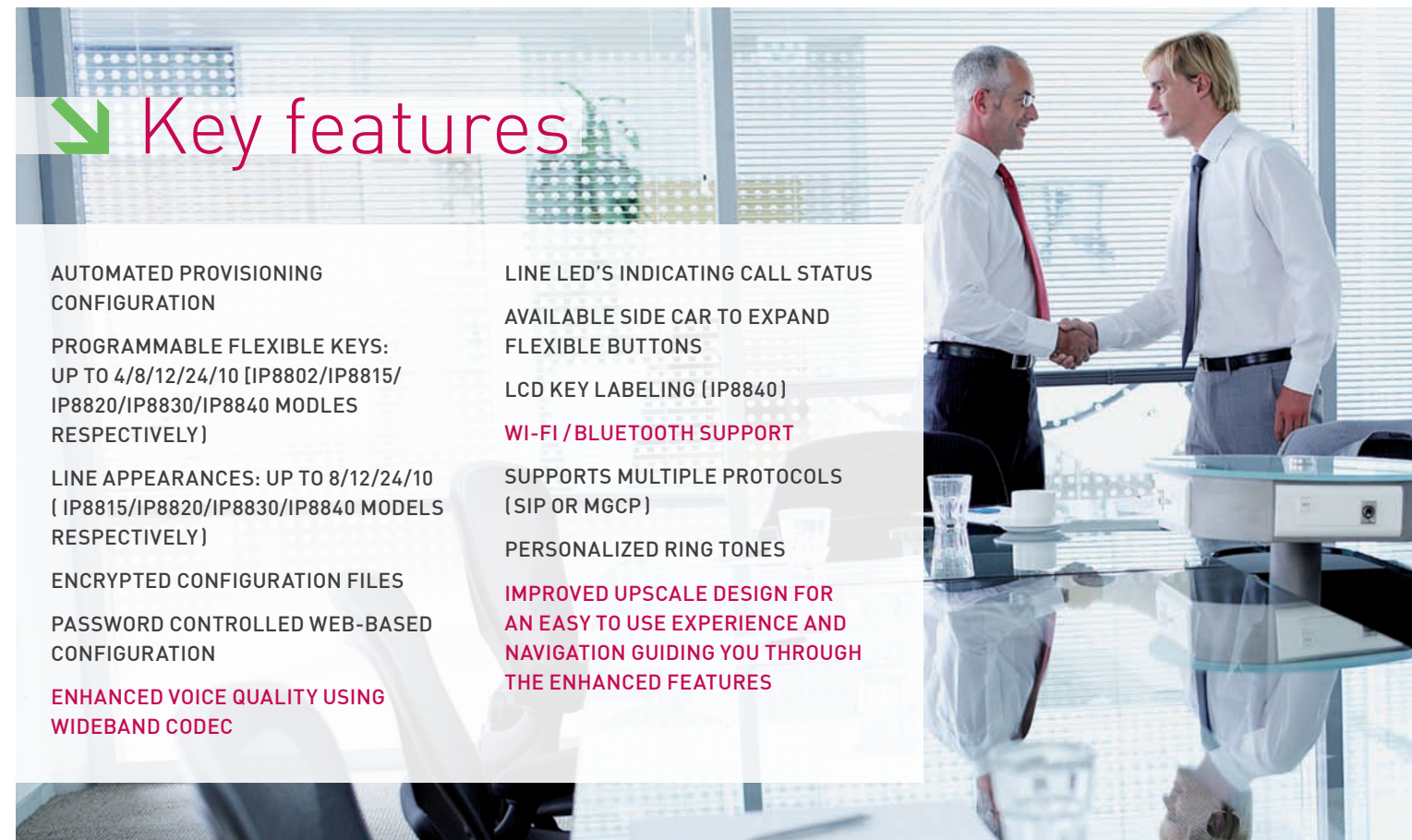
LCD KEY LABELING (IP8840)

WI-FI / BLUETOOTH SUPPORT

SUPPORTS MULTIPLE PROTOCOLS
(SIP OR MGCP)

PERSONALIZED RING TONES

IMPROVED UPSCALE DESIGN FOR
AN EASY TO USE EXPERIENCE AND
NAVIGATION GUIDING YOU THROUGH
THE ENHANCED FEATURES



➤ Detailed information on the series

EXECUTE FASTER & BETTER - SIMPLICITY AT YOUR FINGERTIP

ADVANCED TECHNOLOGY PACKED IN A SOPHISTICATED DESIGN

The LG-Ericsson IP Phone 8800 series integrates a simple and clean design that lets you experience all the features and capabilities of your enhanced upscale phone in an easy to use and ergonomic environment.

WI-FI INTERFACE & BLUETOOTH SUPPORT

Unwire yourself from your desktop phone with Bluetooth technology that will let you roam in your office freely. Utilizing any headset with your LG-Ericsson IP Phone 8800 series will allow you to make and receive calls anywhere in the office. Just free your hands from holding the handset without the office disruption caused by a speakerphone!

CALL ROUTING TABLE FOR POWER USERS

This feature conveniently allows you to customize the way you dial. You will save time especially as mistyping often happens. With the new LG-Ericsson IP phone series you can configure the call routing table so that a digit can store and recall any customized string including an international code and area code. Therefore you only have to press the digit and dial the local number.

EXPANSIVE FEATURE SET

With up to 3 soft keys and 36 flexible keys, an executive or administrative assistant can have single-key access to the most requested features.

WEB BASED MANAGEMENT

With context sensitive soft keys, control of complex communications features and functions is at your fingertips (available on all IP8800 models). Easy to setup menus make calling easier and more convenient while shortening the installation time. The webbased remote administration (with enhanced security and password control) allows for the automated provisioning and maintenance simplifying the installation.

CALL SERVER & IP PBX INTEROPERABILITY

LG-Ericsson IP8800 Series with internationally recognized protocol[standard-based SIP and MGCP] is interoperable with several industry-leading carrier-based call servers[Broadsoft, Nortel, Comverse, Cirpack, NSN and more], allowing enterprise-wide deployment over disparate call server implementations. To expand your business opportunities LG-Ericsson P8800 Series is interoperable with top market share IP PBXs[Cisco, Alcatel-Lucent, Siemens, Aastra, Asterisk, and Avaya] with standard-based SIP. You can check the latest interoperable list of call servers and IP PBXs on the LG-Ericsson web page www.lgericsson.com

➤ The most adaptable structure with room for expansion

FEATURE EXPANSION MODULE PORT

The feature expansion module port provides high speed data/audio/control interface so that advanced features can be added on in the future. The Wi-Fi and Bluetooth module utilizes this port for communicating with main CPU.

DSS & BLF CALL COVERAGE

The innovative DSS/BLF Call Coverage function, available uniquely in IP Phones from LG-Ericsson, makes the 8800 series the ideal choice for small attendant answering or secretarial Call Coverage positions. By defining a SLA (Shared Line Appearance) button for DSS/BLF Coverage operation, the user gains one button access to the functions most needed by the answering/coverage position. The DSS (Direct Station Selection) function dials the idle extension for transfers or direct calling and the BLF (Busy Lamp Field) function indicates the line (user) status (busy, idle or hold) and the Call Coverage function gives the user direct access to incoming calls.

HEADSET INTEROPERABILITY

LG-Ericsson IP8800 Series provides the international standard interface to connect wired and Bluetooth headset devices it is interoperable with well known vendors' products[LG-Ericsson MS UC, Plantronics, Sony-Ericsson, Jabra and more]. You can check the latest interoperable list of headsets on the LG-Ericsson web page www.lgericsson.com

| IP8800DSS12L (LCD type)

| IP8800DSS (Basic type)



| IP8800 WFMU (Wi-Fi Module Unit)

| IP8800 BTMU (Bluetooth Module Unit)

➤ Key features

IP8800DSS12 (Basic Type)

12 Flexible Buttons with 3-color LED
(Green/Red/Orange)
12-pin Flat Cable to Main set Key Label

SPECIFICATIONS

Dimensions: 95x55x205 (mm) [WxDxH]
Weight: 200g

Operating temperature: 0~40 degree Celsius
Relative humidity: 10~85% non-condensing
Storage temperature: -10~60 degree Celsius
Certification: UL/FCC/CE/MIC

POWER CONSUMPTION

Max. 0.7 W

IP8800DSS12L (LCD Type)

12 Flexible Buttons with 3-color LED
(Green/Red/Orange)
[10 char + 1 icon] x 12 line LCD
12-pin Flat Cable to Main set

LCD

View Area: 52x95 (mm) [W x H]
Grey-scale 179x124 resolution (Backlight FSTN)

SPECIFICATIONS

Dimensions: 95x55x205 (mm) [WxDxH]
Weight: 200g
Operating temperature: 0~40 degree Celsius
Relative humidity: 10~85% non-condensing
Storage temperature: -10~60 degree Celsius
Certification: UL/FCC/CE/MIC

POWER CONSUMPTION

Max. 0.7 W

IP8800 WFMU (Wi-Fi Module Unit)

IEEE 802.11b/g interface Support
Operating on 2.4GHz ISM band
(2.412~2.482GHz (14 CHs))
WPA2-AES/WPA-TKIP (Personal Mode),
WEP (128/64 bits) Security
Infrastructure Networking mode

IP8800 BTMU (Bluetooth Module Unit)

Bluetooth™ wireless headset profile support
Class 2 (4dBm Max) Bluetooth™ Module adapted
*Bluetooth compliant: Bluetooth 1.1, 1.2
*Up to 10 meters (30 feet) range
*Application features: Call answer/end,
Volume control, Audio connection transfer.

* Depending on the user's equipment and office environment.