



Entry IP Phone IP8802/8802A

LG-Ericsson IP Phone IP8802/8802A Data sheet

Cost-effective entry-level phone well-suited for settings with low to moderate voice communications usage

The LG-Ericsson's IP Phone IP8802/8802A is a cost-effective and great energy saving, entry-level phone that has enough features to be used for cubicle workers, retail stores, classrooms, manufacturing floors or anyone who requires low to moderate voice communications usage. This phone provides 2 10/100 Base-T LAN line with a half-duplex speakerphone. The IP8802/8802A incorporates a 2 line graphical display to provide an easy user experience and access to key functions. 4 programmable buttons located on the right sides of the phone give users fast access to most frequently used features or called numbers. Additionally, the IP8802/8802A offers a 4-ways navigation cluster that guide users through call features and functions. With an ergonomic and functional design, the IP8802/8802A is ideal for businesses using a hosted IP telephony service, an IP PBX, or a large scale IP centrex deployment. The remote automated provisioning feature also saves the hassle and expenses of managing, preloading and re-configuring customer premise equipment for mass deployment. The LG-Ericsson IP8802 essential business requirements was designed for your business environment.

IP8802/8802A provides the best cost effective choice for user :
IP8802, it supports PoE(IEEE 802.3af(Class 1) and optional local power adaptor
IP8802A, it is non PoE model with default local power adaptor

Key features and benefits include :

- > Enhanced user interface with a 128 x 32 pixels monochrome LCD display(2 lines)
- > Half-duplex speakerphone for your comfort and more secure business telephone conversation
- > Enhanced navigation/input options with four-way navigation cluster for quick access to menu and ergonomic design for users
- > Call routing table for power users configure the call routing table to let a digit store and recall any customized string number
- > General specifications for enhanced quality communication Echo cancellation
Voice Activity Detection(VAD)
Comport Noise Generation(CNG)
Hearing Aid Compatible(HAC)
- > A single-position foot stand provides optimum readability and comfortable use of buttons and keys. Optional standing bracket allows wall mounting
- > Convenient volume control button on the phone provides easy level adjustments for the Speakerphone, the handset and the ringer
- > Advanced configuration with auto provisioning, encrypted configuration file for maximum security and password controlled web-based configuration
- > Integrated Directory/Phonebook : up to 100 contacts(stored in the local directory/phonebook)
- > Critical security features to secure business communication :
TLS w/ AES-128, SRTP w/ AES-128, Digest authentication, Encrypted configuration files, URL syntax with password for boot server address, HTTPS secure provision
- > Voice message and incoming call status indicator's LED
- > High energy efficiency IP8802 PoE is class 1 support :
Active state energy consumption is 1.93W and standby state is 1.8W
- > The choice of IEEE 802.3af Power over Ethernet(PoE), or local power through an optional power adaptor while still retaining compatibility with PoE equipment to support enabling flexible powering options
IP8802 : PoE supports
IP8802A : non PoE with default local power adaptor
- > Basic call features
Call transfer, Call forward (Programmable), Caller Identification(Caller ID), Message indicator, Call hold, Do Not Disturb (DND), 3-way conference call and others



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Technical Specifications

Platform

IP8802 is interoperable with several industry-leading carrier-based call servers and major IP PBX vendors(Standard based SIP)

- Broadsoft, Sylanro, Comverse, Cirpack, Nortel, NSN and more.

Display

- High resolution, graphical, Black & White LCD
- 2 lines
- 128 pixels x 32 pixels(W x H)

Processor and memory

- CPU : SiTel SC14461
- RAM : 16MB SDRAM
- Flash : 8MB Flash
- OS : ucLinux

IP Phone footstand

- Single-position foot stand
- Optional Wall mount standing bracket

Programmable keys

- Four - Call functional programmable keys
Fixed keys and LED
- Six - Telephony-related keys(Mute, Speaker phone, Volume Up/Down, Transfer, Redial)
- One - Red LED call indication

Navigation cluster

- Four-way navigation cluster(left, right, up, down) plus OK button in the center of the Navigation key(for easy selection/validation)

Administration

- Static and DHCP(factory default)
- Auto-provisioning via HTTP/TFTP
- Auto/Remote firmware upgrade

Connectivity/data rates

- Wired connection
 - Integrated dual 10/100 Base-T Fast Ethernet(Auto-negotiation)

Protocol support

- Transport
 - UDP, TCP/IP
 - TCP/IP
 - DHCP, NAT, DNS, HTTP/HTTPS, TFTP, ARP, SNMP
 - Signaling
 - SIP, DTMF
 - Voice
 - RTP/RTCP
- Quality of Service**
- Dynamic jitter buffering, 802.1p/q, Layer 3 TOS, DiffServ

Color

- Black body polish finish

Power

- PoE support - IEEE802.3af(Class1)
- Option Power Adapter : +5 DC

Audio quality of service

- Narrow band codec

Menu language support

- English, French, Spanish, Korean, German, Danish and others

Dimensions and weight(approximate)

- Size(W x D x H)
 - 19.5cm x 19.5cm x 11.2cm
- Weight(Phone, desktop, footstand, handset)
 - 0.64 kg

Operating temperature

- Operation range
 - +0°F to +50°F or +32°F ~ +122°F
- Non-operation range
 - 20°F to +60°F or -4°F ~ +140°F

Relative humidity

- Operation range
 - 0 to 85%(non-condensing)
- Non-operation range
 - 0 to 90%(non-condensing)

Regulatory

- CE
 - RoHS(Directive 2002/95/EC)
 - WEEE(Directive 2002/96/EC)
 - R&TTE Directive 1999/5/EC Compliance
- EMC
 - EN55022/EN55024, CISPR22/CISPR24
 - FCC Part 15, ICES-003 Class B
- Safety
 - EN(IEC)60950-1
 - UL60950-1, CSA 22.2 No.60950-1
- Telecom
 - FCC Part68/ IC CS03(Hearing Aid Compatibility)
- Broadband CoC(Code of Conduct) Ver.3 Compliance(Stand-By 1.8W)