



Entry IP Phone IP8815

LG-Nortel IP Phone 8815 Data sheet

Simple functionality for a entry-level use and easy access to telephony.

LG-Nortel's IP Phone IP8815 provides easy access to core business features for your employees with lower telephony needs. It is designed to meet the demand for a cost-effective VoIP phone delivering excellent sound quality and enterprise-grade features.

IP8815 with enhanced voice quality afforded by wideband codecs creates a more comfortable communication experience for employees.

IP8815 IP Phone uses a 5-line LCD to deliver a user friendly, rich and convenient telephony experience.

With the 8 programmable buttons and three interactive softkeys, users have one-button access to commonly used features and waste less time dealing with a dial codes used with clunky SLT desktop phones. Comfortable and functional in design, the IP8815 is ideal for the business using hosted IP telephony service, an IP PBX, or a large scale IP Centrex. Remote no-touch provisioning saves the hassle and expense of managing, preloading and re-configuring customer premise equipment for deployment.

LG-Nortel IP8815 provides not only essential business functions but also the ideal combination of clean and simple styling, along with a small footprint for your business environment.

Key features and benefits include:

- > Enhanced user interface via grayscale 148 x 80 pixels LCD display (5 lines) for convenient user experience
- > Crystal clear voice with wideband codecs for your comfort
- > 3 soft keys deliver easy access to common features
- > Eight programmable buttons for one-button feature or line access
- > One-button access to a wired headset
- > Full-duplex speakerphone via wideband codecs for excellent voice quality
- > Basic call features: Call transfer, Call forward, Caller ID, Message indicator, Call hold, Do Not Disturb (DND), 3-way conference call
- > Voice message and incoming call status LED indicator
- > Convenient Volume Control button provides easy adjustment for the speakerphone, handset, headset and ringer
- > Enhanced configuration using Auto-provisioning with encrypted files for security and password protected Web-and Phone-based configuration
- > Integrated Directory/Phonebook for up to 100 contacts (stored in the local directory/phonebook)
- > Call History for the last 100 calls (Missed, Received and Dialed calls redial for the last 100 numbers)
- > Small desktop footprint w/dual angle Foot stand
- > Numerous security features plus cost-effective power options with IEEE 802.3af Power-over-Ethernet (PoE), or local power through an optional power adaptor
- > User-friendly interface with fixed and interactive soft key features for common telephone tasks: Call hold/Call waiting/Call park/Call pick up/Call forwarding/ Conference call
- > Call routing table for power users; configure the call routing table to store data and recall any customized number string



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Technical Specifications

Platform

- IP8815 is inter-operable with several industry-leading, carrier-class servers (SIP and MGCP)
- BroadSoft, Sylanro, Comverse, Cirpack, Nortel, NSN and more.

Display

- 24-character LCD
- 148 x 80 pixels, 5 lines

Processor and memory

- CPU: TNETV 1055
- RAM: 32MB SDRAM
- Flash: 8MB Flash

IP Phone mounting

- Integrated Wall mount
- Desktop foot stand (35 or 55 degree)

Programmable keys

- Programmable keys (8) w/3-color LED (Red, Green, and Orange) for line status (Busy, Idle or Hold)

Fixed and soft label keys

- Fixed buttons (8) w/3-color LED (Red, Green, and Orange): Headset, Volume, Hold, Transfer, Mute, Speakerphone, DND
- Context-sensitive soft keys (3)

Navigation cluster

- Softkey navigation
- Message key (Voice Message System access)

Administration

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

Connectivity/data rates

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

Protocol support

- Transport
- UDP, TCP/IP, STUN, DHCP, NAT, DNS, FTP, TFTP, HTTP/HTTPS, ARP, NTP/SNTP.
- Signaling
- MGCP, SIP, DTMF
- Voice
- RTP/RTCP

Quality of Service

- Dynamic jitter buffering, 802.1p/q
- Layer 3 TOS, DiffServ

Power

- PoE support -IEEE802.3af (Class2)
- Optional Power Adapter: 48 VDC

Audio quality of service

- Wideband and narrow band

Multi-language Menu support

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

Dimensions and weight

- Size-(W x D x H)
23.5cm x 17.6cm x 12.93 cm
- Weight
0.95kg

Operating temperature

- Operation range
0°C to +50°C or +32°F ~ +122°F
- Storage range
-20°C to +50°C 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