D-Link®
Building Networks for People

GLV-515

Key Features:

- Unattended/ attended call transfer
- MWI (Message Wait Indication)
- E.164 dial plan and customize dial rules
- Call Waiting and Per Call- waiting blocking
- Configurable Jitter Buffer Size

Networking Features

- SIP (RFC 3261) Compliant
- Out of band DTMF (RFC 2833)
- IEE 802.3E / 802.3u 10 Base T / 100 Base TX

Telephony Features

- Caller ID
- Call Transfer
- Call Forward
- VoIP Speed Dial
- 3-Way Conference calls
- User Define ring Tones
- Multiple Language Support
- Voice Prompt

Management and Provisioning

- http, telnet, keypad and Dedicated manage tool
- Safe Mode provide reliability
- Adjustable User and Super Password
- 100 entries for Speed dial number

IP Telephony
SIP IP-Phone with Redundant SIP Server & PoE Support

D-Link, an industry leader in networking, introduces the GLV-515, a SIP-based IP phone supporting Redundant Server Support (Supports Two SIP Accounts at the same time) & Power Supply through Ethernet.

Internet IP telephony, also called Voice over IP (VoIP), is defined as the transport of telephone calls over the Internet as standard Internet data packets. Internet telephone calls can originate from traditional phone handsets via phone line-to-Internet (Analog Trunk) gateways, by PCs using software, or embedded devices (IP Phones). Most of the interest in Internet telephony is motivated by cost savings and ease of developing and integrating new services. Internet telephony integrates a variety of services provided by the current Internet and the Public Switched Telephone Network (PSTN) infrastructure.

GLV-515 series IP phone is an internet based voice network phone terminal supporting power supply through Ethernet. GLV-515 IP phone adopts multiple voice control protocols and voice compression coding methods to directly convert analog voice into IP packet for internet transport, thus effectively using the existing bandwidth to provide PSTN quality voice service.

GLV-515 IP phone supports SIP (RFC 3261), offer two 10/100Mbps Ethernet interface and can accommodate both internet access and telephone connection on a single line, thus effectively using the existing broadband resources. It is compatible with various softswitch systems and VoIP voice gateways to provide broadband IP voice service.

GLV-515 IP phone adopts the latest Ethernet power supply technology to not only save user investments, simplify network deployment, but also provide centralized power management.

D-Link's GLV-515 IP Phone is an advanced, fully featured IP Phone that takes full advantage of VoIP technology by offering a flexible, interoperable solution at an affordable price with support for all the major protocols including IAX2 through interchangeable and user upgradeable firmware releases.

GLV-515 is perfect for the small office / home office environment, where you need a phone capable of supporting direct dial or PBX functionality. You can dial other VoIP capable phones directly or take advantage of D-Link's PBX system "DVX-1000" which brings the phone to life with a host of services including call transfer, conference, call queuing and endless others. The GLV-515 is ideal for those wishing to make free VOIP to VOIP calls, cheap International calls, or build an IP PBX based around solutions including DVX-1000.

Personalized ring tones can be generated and uploaded to the phone via the Palm Tool utility. This utility can also be used to backup and customizes the phone configuration and help in determining connectivity between the GLV-515 and your VOIP service provider.

D-Link created the new IP Telephony family, GLV-515, and it was designed to include all the necessary features of a phone system a company can depend upon.

Product Data Sheet

SIP IP Phone with PoE Support

Specifications

Management Features
- Multiple Language Support
- URL based FTP, HTTP, and TFTP Auto Provisioning
- Configurable file download and Upload by Palm tool
- Adjustable User Password and Super User Password
- Http, Telnet, Keypad and Dedicated Manage tool
- Support four setting storage, Switched by Keypad
- Safe Mode Provide Reliability
- 100 Entries for Speed dial number
- Interoperable with D-Link's IPPBX (DVX-1000)

Basic Calling Features
- Supports Two SIP Accounts at the Same Time
- Caller ID, Call Transfer, Call History, Call Hold, VoIP Speed Dial, Call Waiting, Call Forwarding (Always/on Busy/on No Answer/Follow me).
- User Define Ring Tones
- Message Waiting Indication (MWI)
- NAT Traversal / STUN.

Data Networking
- TCP (Transmission Control Protocol)
- DHCP (Dynamic Host Configuration Protocol)
- PPPoE (Point-to-Point Protocol Over Ethernet)
- TOS (Type of Service)
- FTP (File Transfer Protocol)
- TFTP (Trivial File Transfer Protocol)
- RTP (Real-time Transport protocol)
- RTCP (Real-time Control protocol)

Voice Algorithms
- G.711 (A-lawor u-law)
- G.723 (6.3 kbps, 5.3kbps)
- G.729, GSM, iBLC
- AGC (Auto Gain Control)
- VAD (voice Activity Detection)

Security Features
- MD5 Authentication for SIP
- Secure Web Administrative and User Access for Configuration
- Telnet, Keypad and Dedicate Manage tool

Protocol Standards
- SIP (RFC 3261), RFC 2543
- Major G.7xx, iLBC Audio Codec
- RTP (RFC 1889)
- RTCP (RFC 1889)
- Out-Of-Band DTMF (RFC 2833)
- IEE 802.3E/ 802.3u 10 Base T / 100 Base TX
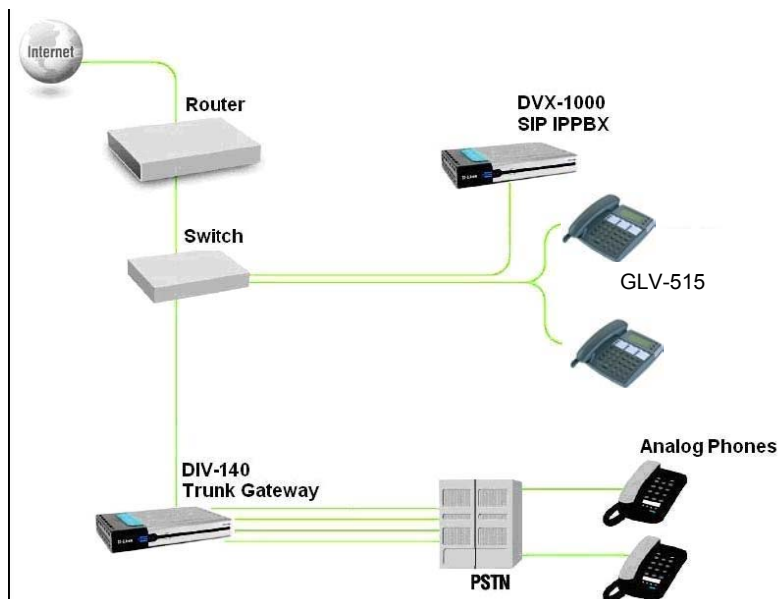
Configuration
- Secure Web Based Management
- Telnet and dedicate Manage tool
- Firmware Upgrade
- URL Based FTP, TFTP Auto Provisioning
- Safe Mode Provide Reliability

Hardware
- Main Chip – PA1688 50 Mhz
- Data Memory – 16MB SDRAM
- Program Memory – 8 MB Flash Memory
- 10/100Mb Ethernet Port (RJ-45) (2 Nos.)

Physical
- Power LED
- LAN Link/Act
- Dimensions: 200 x 195 x 87 mm (Lx W x H)
- Power Input: 12V DC, 450mA
- Power Adapter: 9V~24V AC
- Power Consumption: 15 Watt Max
- Operating: 32° to 104° F
- Humidity: 10% to 90% (non-condensing)

Warranty
1-Year Limited Warranty