Datasheet_VOI-9000

H.323 GK Server

LevelOne's VOI-9000 is a H.323 GateKeeper that offers VoIP user seamless interoperability among IP-based terminales. It also provides network managers the power to define and control how H.323 voice traffic is managed over IP network.

The VOI-9000 Gatekeeper plays a vital role in addressing translation among symbolic alias addresses and IP address. VOI-9000 manages an "H.323 zone" which is a collection of VoIP gateways, or other H.323 devices. Within each zone, the VOI-9000 Gatekeeper supports up to 3000 concurrent calls and 10000 registered endpoints. Users under these zone can call each other by simply dialing a VoIP number instead of dialing a complex IP address.

The VOI-9000 is easy to use with phone setting or through Telnet commend line interface. With the "Plug-and-Play" function, you can operate this device by simply connecting to the power and the network cable. The system is then ready to go and begin to serve VoIP users.

VOI-9000

Key Features

- H.323 v3 compliance
- Up to 3000 registration end point capability
- Telnet CLI commands for Status / Configuration
- Supports H.323 proxy
- Supports Plug-and-Play

- Admissions control determines whether H.323 devices are allowed to access resources
- Address translation allows calls to be routed across network
- Call routing allows you to direct calls to specified groups of gateways

Benefit

- Provides the VoIP number and IP address mapping capability
- Offers better VoIP service to users
- Provides the solutions for users who use Router and apply the public dynamic IP for their Internet connection
- For users to place a call by dialling 8-digit VoIP number instead of 12-digit IP address

Pre-requirement

- 1 x Internet connection from stable ISP
- 1 x public static IP
- Better to connect with a UPS for power backup
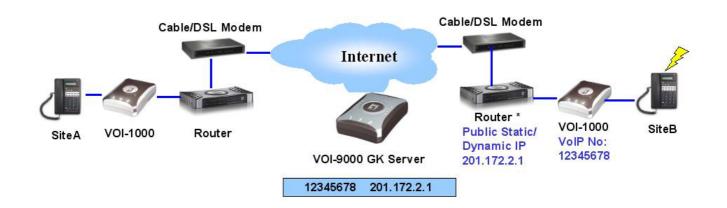- Additional VOI-9000 for back up purpose is proffered

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Technical Specification

- **Network Interface**
  1 x 10BaseT RJ-45 port

- **Protocols**
  H.323 v3, Telnet

- **Management Tools**
  CLI
  Key Pad Setup

- **LEDs**
  Power/ LAN

- **Power Supply**
  5VDC, 350mA

- **Power input**
  115V ~ 230V AC; 50/60 Hz universal input

- **Temperature**
  Operating: 0℃~50℃

- **Humidity**
  Operating: 10% ~ 90% non-condensing

- **Dimension**
  115mm(L) * 85mm(W) *30mm(H)

- **EMI and Safety**
  FCC, CE

Product Diagram

SiteA call SiteB's 8-digit VoIP No

VOI-9000 Diagram

Ordering Information

- VOI-9000: H.323 GK Server