

IP Phone

Product Overview

The LevelOne VOI-7010 IP Phone allows for telephony via an IP network. It features conference calling, call waiting and forwarding, speed dialing, phone book and several other advanced office calling features. The VOI-7010 also supports SIP protocol for easy registration with Internet SIP providers.

Office Calling Features

The VOI-7010 IP Phone supports speed dialing, call waiting and call transfer, 3-way conference calling, a 140 entry phone book, speaker phone and caller ID display. The LCD display displays caller ID, number dialed, speed dial entries and is useful when setting up a SIP account.

The IP Phone also supports IP PBX connectivity and incorporates voice messaging, call forwarding and conference calling when set-up with an IP PBX system. When coupled with the LevelOne VOI-9300 IP PBX, it further provides VPN PPTP Client support for establishing secured VoIP connections.

Advanced Phone Features

The VOI-7010 supports G.711, G.723.1, G.726, G.729 and GSM codec algorithms. The IP Phone provides toll-quality audio and voice quality with support for VAD, CNG, LEC, Packet Loss Compensation and an Adaptive Jitter Buffer. It also provides HTTP 1.1 and MD5 SIP authentication security features.

Configuration and Firmware Update

The VOI-7010 is easily configured through a Web browser, Console/Telnet and the keypad. The firmware is updated through TFTP, console, HTTP (Web browser), FTP and an auto firmware update feature.



VOI-7010

Key Features

- IP Phone for connecting to IP Network
- SIP compliant with 3 SIP account registration support
- Cost effective VoIP IP Phone for home and business use
- Features traditional office phone features
- Provides IP PBX support for full office phone network setup
- Provides VPN support
- Enhanced Security features to protect Local Area Networks
- Plug-and-Play enabled with easy set-up with keypad

Technical Specification

Network Interface

Connection Ports

LAN: RJ-45 10/100Mbps Ethernet Port
WAN: RJ-45 10/100Mbps Ethernet Port

Handset Port

RJ-11 port

IP Assignment

Static IP
DHCP
PPPoE

Software Features

Network Protocol

SIP v1, v2
IP/TCP/UDP/RTP/RTCP
IP/ICMP/ARP/RARP/SNTP
TFTP Client/DHCP Client/PPPoE Client
Telnet/HTTP Server
DNS Client
VLAN Setting
DMZ Setting
Virtual Server
MAC Clone Setting

Codec

G.711: 64kbps (PCM)
G.723.1: 6.3kbps/5.3kbps
G.726: 16/24/32/40kbps (ADPCM)
G.729A: 8kbps (CS-ACELP)
G.729B: adds VAD & CNG to G.729A

Voice Quality

VAD: Voice activity detection
CNG: Comfortable noise generator
LEC: Line echo canceller
Packet Loss Compensation
Adaptive Jitter Buffer

QoS (Quality of Service)

ToS Field

NAT Traversal

STUN

SIP Server

Register Server (allows for 3 SIP Accounts)
Outbound Proxy

Configuration

Web Browser
Console/Telnet
Keypad

Security

HTTP1.1 authentication for Web setup
MD5 for SIP authentication

Phone Features and Specification

Call Function

Call Hold
Call Waiting
Call Forwarding
Caller ID
3-way conference calling

DTMF Function

In-Band DTMF
Out-of Band DTMF
SIP Info

Phone Function

Speed Dial
Phone Book
Flash
Speaker Phone
CPC (Caller Party Control)

Tone

Ring Tone
Ring Back Tone
Dial Tone
Busy Tone
User programmable tone

Firmware Upgrade

TFTP
Console
HTTP
FTP
Auto Firmware update utility

Physical Specification

Power

Power Input: 100-240V DC 12V power adapter
(EU, US, UK, AU power adapters)

Display

2x16 LCD Display

Keypad

12 button numeric keypad
26 fixed function buttons

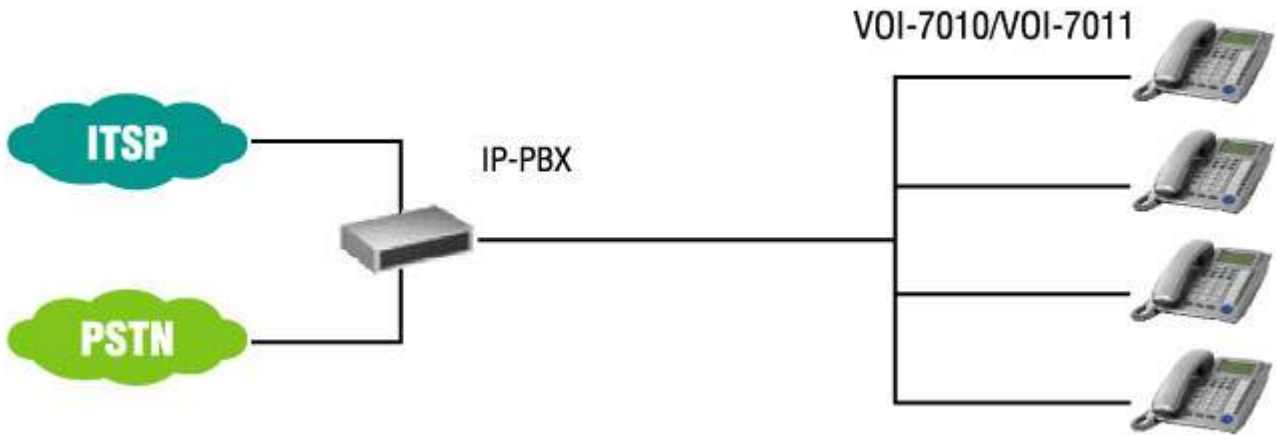
Temperature

Operation: 0°C ~ 40°C
Storage: -10°C ~ 50°C
Humidity: 10%~95%(non-condensing)

Certification

FCC
CE
LVD

Product Diagram



Ordering Information

- VOI-7010:** IP Phone
DHM-1000: Headset for VOI-7010/7011

For more information, please contact your LevelOne representative, or visit our website
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