VoiceCon
VOI-7011
H/W ver. : 1. x
one world_one brand_one level_

IP Phone with FXO Port

Product Overview
The LevelOne VOI-7011 IP Phone with FXO port allows for flexible telephony via either an IP network or through the traditional PSTN telephone network. It features conference calling, call waiting and forwarding, speed dialing, phone book and several other advanced office calling features. The VOI-7011 also supports SIP protocol for easy registration with Internet SIP providers.

Flexible Calling
The LevelOne VOI-7011 features an FXO port connecting users with the traditional PSTN telephone network. This allows users to make calls either via the IP network or through the traditional PSTN line. By including the FXO port, users can either use the feature as a backup incase the IP network fails, or where users need to make local calls.

Office Calling Features
The VOI-7011 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-7011 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-7011 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-7011

Key Features

- IP Phone with FXO port for connecting to IP Network and PSTN 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

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Technical Specification

Network Interface
Connection Ports
- LAN: RJ-45 10/100Mbps Ethernet Port
- WAN: RJ-45 10/100Mbps Ethernet Port
- FXO: RJ-11 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
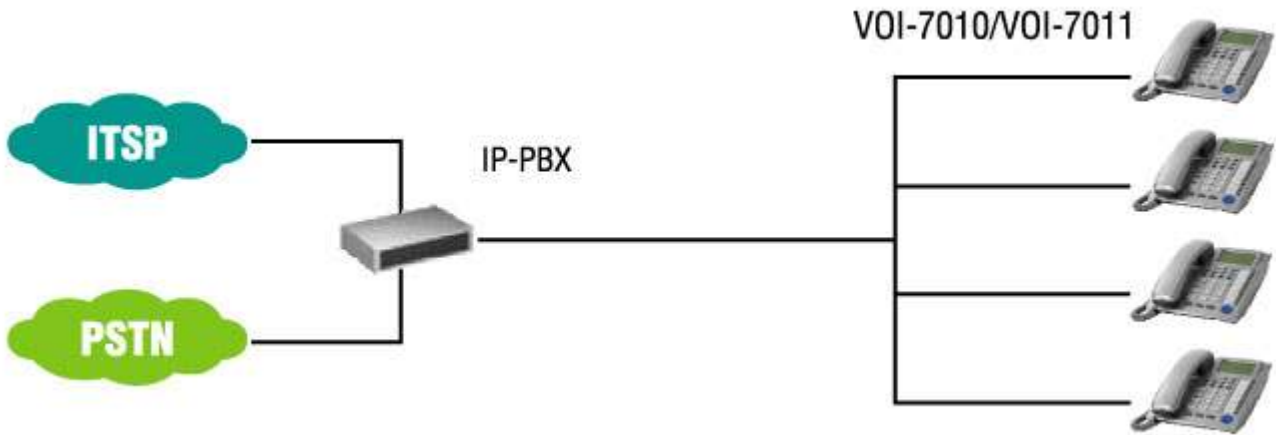- 12 button numeric keypad
- 26 fixed function buttons

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

Certification
FCC
CE
LVD

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Product Diagram

Ordering Information

VOI-7011:   IP Phone with FXO Port

DHM-1000:   Headset for VOI-7010/7011