

# VP3302 Series SIP IP Phone



## Product Overview

The Edge-Core VP3302 series are next generation IP Phones that provide a simple, cost-saving solution for VoIP and telecommunication needs. The VP3302 series follows RFC-3261 SIP protocol ensuring compatibility with most existing VoIP services and products. The series offers versions with combinations of speakerphone and PoE to meet user requirements. All models have a built-in LCD display and WEB management, it is also incredible easy to use! State-of-the-art DSP technology (Digital Signal Processing) delivers outstanding voice quality comparable to that of the PSTN. Combine this with a rich telephone feature set such as call forward/transfer, call history, call hold and more, makes the VP3302 SIP IP Phone Series the best choice.

## Key Features and Benefits

Follows RFC-3261 SIP standards, making it compatible with other SIP devices using the same standard such as soft switches, proxy-servers and other gateways.

Dynamic IP support (DHCP and PPPoE) allows VP3302 Series to function in different networking environments.

Outbound-proxy configuration allows calls to be made and received under any NAT device, even under two layers of NAT devices.

Hand-Free Operation is available on models VP3302S and VP3302SP

PoE support is available on models VP3302P and VP3302SP.

Dual 10/100 Base-TX Ethernet ports allow simultaneous connections to the internet and a PC. These ports are auto-sensing MDI/MDI-X with link lights to show connectivity.

Support standards include RFC-3261, TCP/UDP/IP, RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, FTP, PPPoE protocols

Silence Suppression, VAD (Voice Activity Detection), CNG (Comfort Noise Generation) are all supported for excellent telephone experiences.

The LCD screen ensures easy configuration and displays other information for daily transactions.

WEB management provides another method to simply configure and manage the device.

Upgrade images files from a FTP server via the phone set or WEB management.

G.711u, G.711a, G.729 and G.723 Codecs are supported.

Volume Adjustment is available for ring tone, handset voice and hands free volume.

Supports 10 ring types.

Call history shows missed calls, incoming calls and outgoing calls

Ping function can be used to troubleshoot, showing connectivity to a remote device.

System status is displayed on the LCD panel with or without proxy server. Calls can also be made without proxy server with direct IP dialing.

10 speed dial keys and a phonebook function are provided to enhance use.

Standard telephone features include unconditional, busy and no answer call forwarding, hold, redial, transfer, and more.

# VP3302 Product Specifications

## Features

### Physical Configuration

PC Port: 1 x R-J45 10/100 Base-TX Ethernet auto-sensing port  
WAN Port: 1 x RJ-45 10/100 Base-TX Ethernet auto-sensing port  
IEEE 802.3af Power Over Ethernet (VP3302P and 3302SP)  
LCD display: 2 x 16 characters  
Phone Case 20-button keypad

### Voice

RFC-2833 for DTMF relay  
Silence Suppression  
VAD (Voice Activity Detection)  
BG noise level control for VAD sensitivity  
CNG (Comfort Noise Generation)  
Jitter Buffer  
Hardware DSP (Digital Signal Processing)  
Voice Codec G.711(A-law/U-law), G.723, G.729 support

### Networking and Management

RFC-3261 SIP standard  
Follows ITU-T standards for best compatibility  
Management via phone set and WEB management interface  
Static and Dynamic IP Support (DHCP and PPPoE)  
Password authentication  
Outbound-proxy support for NAT pass through  
Ping to check for connectivity  
"PKT Trace" for packet display on LCD screen  
FTP image upgrade via phone set or WEB management interface  
Network and activity status via LCD screen and phone lights

### Phone Features

Volume adjustment for ring tone, handset and hands free function  
Hands free (microphone on models VP3302S and VP3302SP only)  
Call forwarding unconditionally, on hold or when busy  
Call transfer  
Call history: missed, outgoing and incoming calls  
Direct calls from Call history  
Redial  
Hold  
Do not Disturb (DND)  
Phonebook  
Speed Dial: 10 speed dial keys  
Direct IP dialing (with or without proxy server)  
Voice messaging with server support  
Conferencing with server support

### Mechanical

Power Adaptor  
Input: 100-240V AC  
Output: 5.4V 1.2A 1200mA  
Speaker: 8 Ohm/0.2 Watts  
Dimensions (W x D x H): 17cm x 22cm x 6cm  
Weight: 730g

### Environmental Specifications

Operating Temperature 32° - 104° F (0° - 40C°)  
Humidity 10%-95% (non-condensing)

### Emissions/Safety

EMI Compliance UL/EN/FCC Class B

## Ordering Information

Models	WAN	LAN	Speaker	Microphone	PoE	Dimensions
VP3302	1	1	Y	N	N	170mmx220mmx60mm
VP3302S	1	1	Y	Y	N	170mmx220mmx60mm
VP3302P	1	1	Y	N	Y	170mmx220mmx60mm
VP3302SP	1	1	Y	Y	Y	170mmx220mmx60mm