

ZyXEL



Compact Design with Rich Call Features



- **HD Voice Wideband Codec Support**
- **Rich Call Feature with Hard Keys**
- **Multiple-Codec Indemnification Covered**
- **Crystal-Clear Voice Quality with TIA-810 Certification**



Benefits

Easy Deployment

The V300 Series is a cost-effective broadband network IP phone that provides an easy-to-use solution for VoIP service deployments, as well as users who already have broadband access. It supports flexible configurations including fully functional Web-based setup. Moreover, it also has the Auto-Provisioning capability to automatically download configuration files and complete the setup process without cumbersome tweaking.

Superior Audio and Speech Clarity

HD voice means excellent speech quality. It uses a wider voice spectrum between 50 and 7000 Hz, and the wider spectrum offers a more natural sound with fuller fidelity. The V300 Series IP Phone also provides various bit rates codec to meet different network environment needs.

High Voice Quality at Low Cost

The V300 Series IP Phone comes with tagging features that support QoS (Quality of Service) plans, such as ToS (Type of Service), from service providers. In addition, it also allows gateways or central-side equipments to identify and prioritize voice traffics.

Friendly Hard Keys

The V300 Series boasts hard keys with useful and popular features including Hold, Redial, Conference, Transfer, Send, Hang Up, Voice Mail, Mute, DND, Headset and Speaker, etc., to save communication time and efforts.

IP Phone

V300 SERIES



VoIP



Specifications

System Specifications

Call Features

- CW (Call Waiting)
- Call Forward
- Call Transfer
- Call Hold/Call Retrieve
- Incoming Call Policy
- Flash Hook Timer
- Music on Hold (local/music play from PBX/ITSP)
- Early Media (music play from PBX/ITSP)
- VMWI (Visual Message Waiting Indicator (RFC 3842))
- Hands-free/Speaker
- Independent Volume Controls
- Single Button Mute
- Time & Date Setting (NTP)
- DND (Do Not Disturb)
- MCID Call Block
- Redial (The last call by button)
- Conference Call w/Media Server (PBX support)
- 3-way Conference Call w/Local mixer
- Call Log
- Dial Plan
- VoIP security SRTP*
- SMS News broadcasting*

QoS

- TOS Tagging
- Diffserv Tagging
- VLAN Tagging

Network Features

- TCP/IP
- PPPoE Client
- DHCP Client
- Static IP
- WEB/FTP/TFTP Firmware Upgrade
- Configuration Backup/Restore
- TFTP, HTTP Auto-provisioning/Firmware Upgrade
- Outbound Proxy
- STUN (RFC3489)
- Manual Configured SIP and RTP (Fake Address)
- NAT Keep Alive

Audio Codec/DSP

- G.711a/μ
- G.722.2*
- G.723.1A
- G.726 (16/24/32/40)
- G.729a/b

SIP UA

- RFC 3261 SIP: Session Initiation Protocol
- RFC 2327 SDP
- RFC 3264 An Offer/Answer Model with SDP
- RFC 3550 RTP
- RFC 1890 RTCP
- RFC 3608 DNS SRV

Hardware Specifications

- Two 10/100M Ethernet RJ-45 ports (For LAN & PC)
- Microphone Port and Earphone Port (3.5 mm)
- One 4-pin RJ-9 for phone's handset connection
- Build-in full-duplex speaker/microphone
- Restore Factory Defaults/Reboot button
- LCD display: 2 lines x 16 characters Mono text
- Power over Ethernet (802.3af)(V301-T1 only)
- One RJ11 port for Lifeline (V301L-T1 only)

Physical Specifications

- Dimensions: 165 (W) x 91.5 (D) x 208 (H) mm
- Weight: 465 g

Environmental Specifications

Operating Environment

- Operating temperature: 0°C ~ 40°C
- Operating humidity: 20% ~ 95% RH

Storage Environment

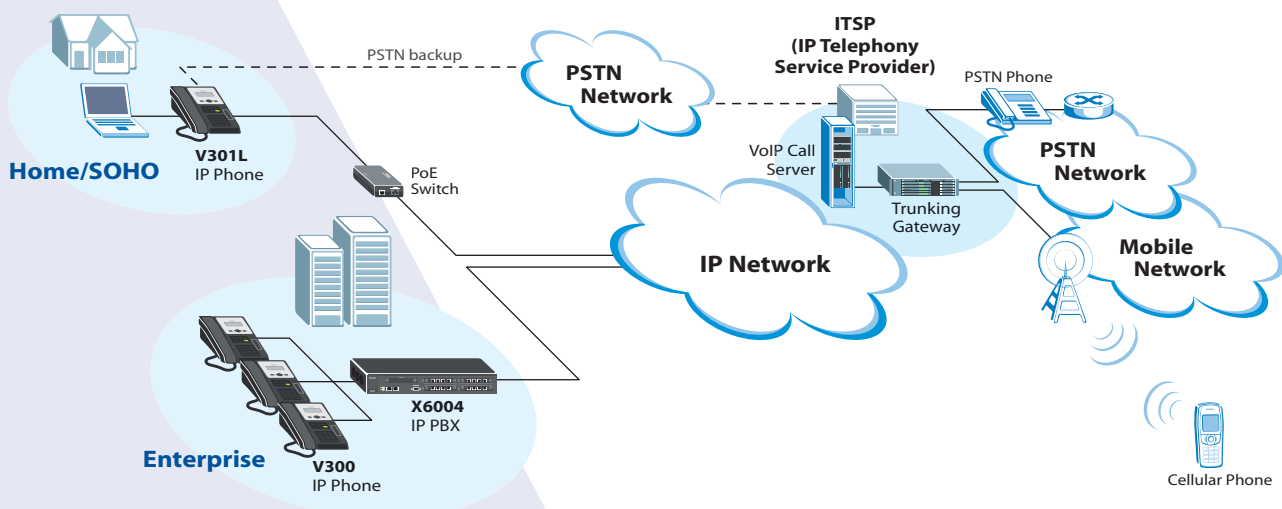
- Storage temperature: -30°C ~ 60°C
- Storage humidity: 20% ~ 95% RH

* Firmware upgradeable for future enhancement

Product Description

V300-T1	Basic IP Phone
V301-T1	IP Phone with PoE
V301L-T1	IP Phone with FXO port

Application Diagram



For more product information, visit us on the web www.ZyXEL.com

