

SIP Analog Telephone Adapter



Based on the flexible VoIP technology platform, the PLANET Analog Telephone Adaptor products are standards-based SIP (RFC 3261) communication devices, which are widely deployed by VoIP providers of the emerging VoIP managed voice services. It also supports the most popular local services market to ensure the compatibility and IP devices cost-effectively.

Easy-to-install and simple-to-use, it eliminates the time and effort associated with complicated installation procedures. The VIP-158 supports Web-based configuration, TFTP Auto-Provisioning and TFTP Auto-Firmware Upgrade.

The VIP-158 offers an enhanced traditional telephony communication services to home users via the existing broadband connection in the Internet or corporation network with very low cost.

With the VIP-158, SOHO users are able to save the installation cost and extend their past investments of telephones, conference and speakerphones. The VIP-158 can be the bridge between traditional analog systems and IP network with an extremely affordable investment.

KEY FEATURE

Product Features

- Feature-rich telephone service over home Internet / Intranet connection
- Cost-effective, easy-to-use solution for Analog Telephone Adapter
- Web-based utility and machine configuration
- Remote administrator authentication

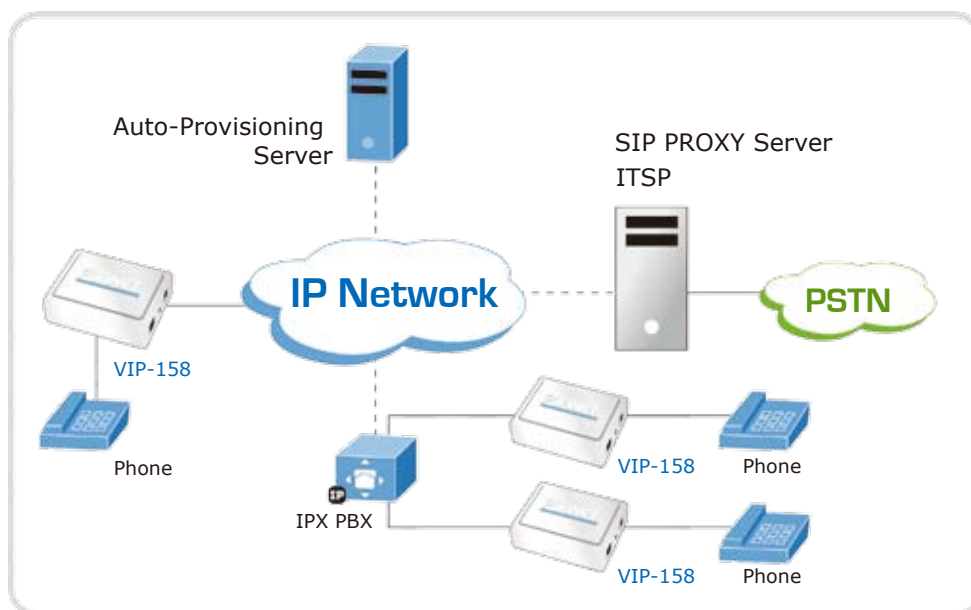
VoIP Features

- SIP 2.0 (RFC3261) compliant
- G.729a and G.711 voice codec
- Auto-provisioning
- STUN for NAT traversal
- DHCP / PPPoE / Fixed IP allocation
- SIP proxy / Peer-to-Peer communications
- VAD /CNG / Echo Cancellation / DTMF tone detection and regeneration

SPECIFICATION

Product **SIP Analog Telephone Adapter**

Model	VIP-158
Hardware	
LAN	1 x 10/100Mbps RJ-45 port
FXS	1 x RJ-11 connection
Protocols and Standard	
Standard	SIP 2.0 (RFC3261), STUN (RFC 3489), UPnP, MD5 for SIP authentication (RFC 2069 / RFC 2617)
Voice codec	G.729a, G.711
Voice Standard	Voice activity detection (VAD) Comfort noise generation (CNG) G.168: Line echo canceller (LEC) Jitter Buffer DTMF Detection and Generation In-Band and Out-of-Band (RFC 2833), (SIP INFO)
Protocols	TCP/IP, UDP, DHCP, RTP, HTTP, ICMP, ARP, DNS, TFTP, PPP, PPPoE
Network and Configuration	
Access Mode	Static IP, DHCP, PPPoE
Management	Web, Utility, Auto-provisioning (TFTP)
Dimension (W x D x H)	73 x 55 x 24 mm
Operating Environment	0~40 degree C, 10~95% humidity
Power Requirement	5V DC
EMC/EMI	CE, FCC Class B

APPLICATIONS

ORDERING INFORMATION

VIP-158 SIP Analog Telephone Adapter (1 x LAN, 1 x RJ-11)