2 FXS SIP Analog Telephone Adapter

ATA-150S, the latest PLANET Analog Telephone Adapter solution, enables home users and companies to convert existing standard telephones to IP-based networks in less installation cost. The ATA-150S is equipped with two telephony interfaces, thus users may register to different SIP proxy servers, IP PBX and establish up to 2 concurrent VoIP calls for more flexibility in the voice communications.

The ATA-150S can be the bridge between the traditional analog telephones to IP network with an extremely affordable investment and easy installation. The service providers and enterprises are able to offer users enhanced telephony communication services via the existing broadband connection to the Internet or corporation network.

Key Features

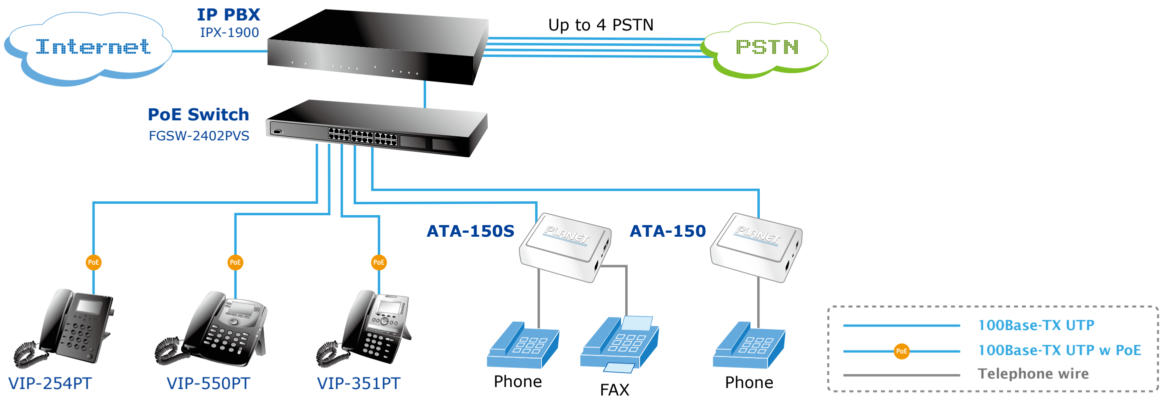
PRODUCT FEATURES

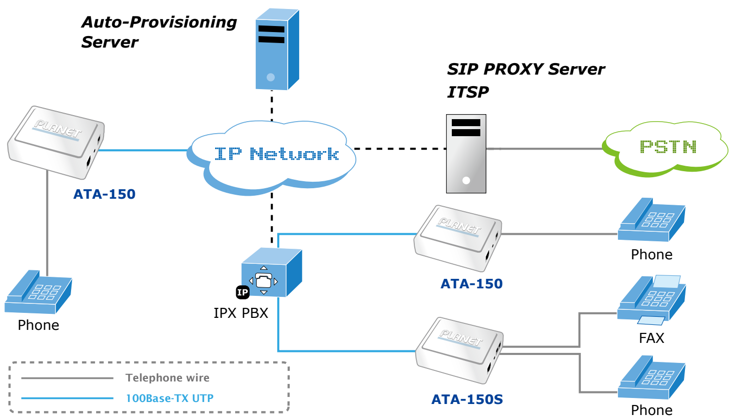
- Feature-rich telephone service over home Internet / Intranet connection
- Up to 2 concurrent VoIP calls
- Cost-effective, easy-to-use Analog Telephone Adapter solution
- Web-based utility and machine configuration
- Remote administrator authentication
- Voice prompt for machine configurations

VOIP FEATURES

- SIP 2.0 (RFC3261) compliant
- Voice codec: G.711(A-law /μ-law), G.729 AB, G.723 (6.3 Kbps / 5.3Kbps)
- FoIP : T.38 FAX Relay, G.711 Fax pass-through
- QoS : IP TOS (IP Precedence) / DiffServ
- Call Waiting / Hold / Resume / Transfer / Forward
- 3-Way Conference / Caller ID Generation
- VAD / CNG / Dynamic Jitter Buffer
- SNMP v1/v2, TR-069 and Auto Provision

Applications





Specification

Product	2 FXS SIP Analog Telephone Adapter
Model	ATA-150S
Hardware	
LAN	1 x 10/100Mbps RJ-45 port
FXS	2 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.711, G.723, G.729
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) QoS : IP TOS (IP Precedence) / DiffServ FAX support : T.38 FAX Relay,G.711 Fax pass-through
Telephony Features	Call Waiting Call Hold / Resume Call Transfer: Blind Transfer / Attended Transfer Call Forward: On Busy Forward / No Condition forward / No Answer Forward Call Screen: Incoming Call Screen (Reject or Forward Incoming Call) / Outgoing Call Screen (Blocking Outgoing Call) 3-Way Conference
Protocols	TCP/IP, UDP, DHCP, RTP, HTTP, ICMP, ARP, DNS, TFTP, PPP, PPPoE
Configuration & Management	Web-based Graphical User Interface Remote management over the IP Network Web-based firmware upgrade Backup and Restore Configuration file SNMP v1/v2 TR-069
Network and Configuration	
Access Mode	Static IP, DHCP, PPPoE
Management	Web, Auto-provision
Dimension (W x D x H)	94 x 72 x 30 mm
Operating Environment	0~40 Degree C, 10~95% humidity
Power Requirement	12V DC
EMC/EMI	CE, FCC Class B

Ordering Information

ATA-150S	SIP Analog Telephone Adapter (1 x LAN, 2 x RJ-11)

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