

H.323 / SIP VoIP GSM Gateway



KEY FEATURE

The PLANET VIP-281GS VoIP GSM Gateway is a signal-GSM channel gateway that supports SIP and H.323 VoIP protocol at the same time. The VIP-281GS provides a total solution for integrating voice-data network and the Global System for Mobile Communications (GSM).

The VIP-281GS is equipped with both FXS and PSTN interfaces, which gives the gateway a wide range of potential applications. The VIP-281GS can be installed on a PBX trunk line to enrich its trunks-GSM and VoIP routes. The PBX is able to have voice communication to either VoIP or GSM environment by the least costs.

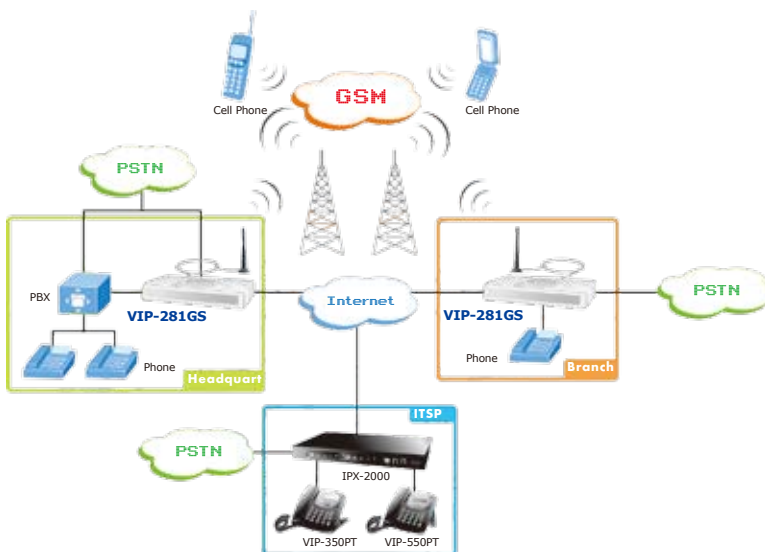
Meanwhile, the VIP-281GS is designed for comfort, ease-of-use with a sophisticated and satisfaction to customers. The VIP-281GS not only inherits traditions of quality voice communications and real-time fax data over IP networks but the VIP-281GS also eliminates the human resource of VoIP network deployment. With optimized H.323/SIP architecture, the VIP-281GS is the ideal choices for P2P voice chat and ITSP cost-saving solution, but also provides network-converting feature to translate the packet network into traditional PBX system.

With built-in PPPoE/DHCP/DDNS clients, up to 2 concurrent connections in VIP-281GS, voice communications can be established from anywhere around the world. The VIP-281GS comes with intuitive user-friendly and powerful management interface (web/telnet), that can dramatically reduce IT personnel resource and complete GSM/VoIP deployment in a short time. Plus remote management capability, administrators can monitor machine/network status or proceed maintenance/trouble-shooting service via Internet browser or telnet session.

Besides, it provides voice channels status display and optimized packet voice streaming over managed and public (Internet) IP networks.

SPECIFICATION

Product	H.323/SIP VoIP GSM Gateway
Model	VIP-281GS
Hardware	
WAN	1 x 10/100Mbps RJ-45 port
FXS	1 x RJ-11 connection
PSTN	1 x RJ-11 connection
GSM	1 x SIM connection
Protocols and Standard	
Standard	H.323 v2/v3/v4 and SIP (RFC 3261) , SDP (RFC 2327), Symmetric RTP, STUN (RFC3489), ENUM (RFC 2916), RTP Payload for DTMF Digits (RFC2833), Outbound Proxy Support
Voice Codec	G.711(A-law / μ -law), G.729 AB, G.723 (6.3 Kbps / 5.3Kbps)
Voice Standard	Voice activity detection (VAD) Comfort noise generation (CNG) G.165/G.168 Echo cancellation Dynamic Jitter Buffer
Protocols	SIP 2.0 (RFC-3261), H.323, TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, PPPoE, DNS
Advanced Function	Smart QoS, IP TOS (IP Precedence) / DiffServ
Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, Telnet
LED Indications	System: 1, PWR WAN: 1, LNK/ACT Line: 1, In-Use/Ringing Phone: 1, In-Use/Ringing GSM: 1, In-Use/Standby SMS: 1, Transmission
Dimension (W x D x H)	180 x 110 x 25 mm
Operating Environment	0~40 degree C, 0~90% humidity
Power Requirement	12V DC
EMC/EMI	CE, FCC Class B

APPLICATIONS
VIP-281GS GSM/VoIP voice communication

ORDERING INFORMATION

VIP-281GS	H.323 / SIP VoIP GSM Gateway (1 x WAN, 1 x FXS, 1 x GSM, 1 x PSTN)
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