

PH217 Datasheet





Support Protocol:

- ◆ SIP (RFC3261, RFC2543)
- ◆ Support IAX2 protocol
- ◆ Support codec: G.711A/u, G.722, G.723 high/low, G.729 A/B
- ◆ Support G.168 echo cancellation standard, compliant 96ms echo cancellation with speaker mode
- ◆ Support voice volume adjustment, including IN/OUT of handset and speaker
- ◆ Support Jitter Buffer, VAD, CNG, SIP, Domain name register, point-to-point Call
- ◆ Support RTP and RTCP
- ◆ Support the Inbound/Outbound transmission; SIP info, DTMF Relay, RFC2833
- ◆ Support many countries' standard ring
- ◆ Support NAT: Support STUN, CITRON, AVS Mode
- ◆ Support SIP domain, SIP Authentication (none, basic, MD5), Domain Name parse
- ◆ Support two SIP servers synchronously, including Public Server/ Private server, can make a call by any proxy. You can back-up and select any above SIP server.
- ◆ Support SIP application, including SIP Call forward/transfer/holding/conference/pickup/redial/unredial/joincall

Network Features:

- ◆ Support PPPoE for xDSL, and support auto redial when disconnect
- ◆ Support DHCP Client for WAN
- ◆ Support DNS relay for LAN and provide DNS service for LAN Network equipment
- ◆ Support DNS domain name resolution in WAN port
- ◆ Support router and switch function in LAN port
- ◆ Support SNTP Client to get time from internet
- ◆ Support advanced DSP tech to ensure high quality voice
- ◆ Support advanced jitter buffer tech to prevent the info package delaying and losing
- ◆ Support network tool: ping, trace route, telnet client
- ◆ Support three modes to configure WAN port IP, they are: static, DHCP, and PPPoE
- ◆ Support NAPT
- ◆ Provide firewall for small LAN
- ◆ Provide optional priority level for small LAN
- ◆ Support second layer QoS (802.1p)
- ◆ Support VLAN
- ◆ Support VPN (L2TP)

Special and Advanced Function:

- ◆ Caller ID display, ban calling out, avoid-disturb setting, auto-answering, auto dial while picking up the telephone, quick dial;
- ◆ Call waiting, call transfer, three ways call, and multi-dial forward
- ◆ Setting the black list and limit numbers
- ◆ Support point to point call
- ◆ Setting the ended number methods
- ◆ Setting the ended number add, delete and substitution
- ◆ Setting the fixed calling ways
- ◆ Support phone number with name and number
- ◆ Support Silence Suppression, VAD (Voice Activity Detection)
- ◆ Support CNG (Comfort Noise Generation)
- ◆ Support Echo Suppression and AGC (Automatic Gain Control)
- ◆ Support DIGEST validate and MD5/MD5-sess encapsulation
- ◆ Support remote auto configuration and edition auto-upgrade.

Management and maintenances

- ◆ Support safe mode and update via safe mode
- ◆ Support configuration via web, keypad, http, telnet; support the user IP address filtering limits
- ◆ Support update software and configuration files through HTTP, FTP, TFTP
- ◆ Support syslog
- ◆ Support set up a number of authorities and user name, password; support reverse Telnet through NAT / firewall machine for remote management

Main function list:

Support protocol	SIP	Caller ID display	Support
DHCP server/client	Support /non-support	3-Way Call	Support
NAT	STUN, CITRON, AVS (go through NAT)	Call Forward	Support
		Blind/attend Transfer	support
PoE	Non-Support	Voice Message	support
PPPoE	Support	Call Recording	support
RJ45	2 RJ45 10/100M, support the switch function	Support Fax	Null
RJ11	NO	DTMF	DTMF(in& out band); SIP info, DTMF Relay, RFC2833
Route/bridge Function	Non-support /support	Voice Codec	G711A/u,G723high/low,G729A/ B
Support multi-account	Support 2 SIP registrations	Special Functions	FTP/TFTP remote auto Provisioning and update
Operation Temperature & Humidity	Temperature: 0-40℃ Humidity: 5%-95%	Configure and upgrade	Support configure by Web, keyboard, Telnet; upgrade the firmware and configuration by HTTP, FTP ,TFTP
Weight	0.75KG	Offer Power Supply	America &Europe Standard 100V-240V
Dimension	175mm*150mm*75mm	International Standard Certification	CE/FCC/RoHS
Big Package	8 PCS/carton	Accessory	Manual,RJ45Cable,power supply