

PH806 Datasheet

IP PHONE: PH806



A newly developed hi-tech SIP phone for enterprise supporting 5 SIP servers synchronously, (POE) function and 128*64 LCD display. Besides, it supports 3 interactive soft key to play humanized operating prompt and an option of a pair of headsets for private calls.

Support Protocol

Support SIP (RFC3261, RFC2543)

Support IAX2

Support Voice codec: G711A/u, G729, and G723.1, G722

Support G.168 echo cancellation standard, compliant 96ms with speaker mode.

Support Jitter Buffer, VAD, CNG, SIP Domain name register, point-to-point Call
Support RTP and RTCP voice communication
Support the Inbound/Outbound transmission; SIP info, DTMF Relay, RFC2833
Support many countries' standard ring
Support STUN NAT transversal
Support SIP domain, SIP Authentication (none, basic, MD5), Domain Name parse
Support 5 SIP servers and 1 IAX2 account; 2SIP line most synchronously, can call in and out
by either proxy;
Support SIP application, including SIP call forward/transfer/holding/waiting

Network Features

Support two models: Bridge and Router, integrate two ports router function.
Support basic NAT and NAPT.
Support PPPoE for xDSL, and support off hook auto dial.
Support DHCP Client for WAN;
Support DHCP server for LAN;
Support DNS relay on LAN port and can provide DNS service for LAN Network equipment.
Support DNS SRV on WAN port
Support SNTP Client, can auto-obtain time from internet
Use advanced DSP tech to insure high quality voice
Use advanced jitter buffer tech to prevent the delaying and losing for package information
Support Network Tools, including ping, race route, and telnet client.
Support three modes to configure WAN port IP, they are: static, DHCP, and PPPoE.
Provide firewall control for small LAN.
Provide optional communication priority level for small LAN.
Support VPN—L2TP protocol
Support Secondly Layer QoS (802.1p)

Advanced Function

Support headset
Support 128*64 LCD
Support Power over Ethernet (POE) function
3 Interactive soft key, with more humanized operating prompt.
Support 5 SIP servers synchronously.
Support local voice record, message and server message.
Support sending and receiving short message
Support message wait indication.

Support user defined ring tone.

Support L2TP client.

Support call pickup, join call, auto-redial.

Support 5 programmable keys, 5 PSTN keys and 5 SIP keys, and it can be connected with the expansion board which can display more numbers' online status.

Support presence, BLF, Push to talk

Support dial switchboard and extension number at one time, directly get through the ext. later.

Support phone book, and can set different rings according to different incoming callers.

Call waiting, call transfer, three ways call, and multi-call forward

Caller ID display, ban calling out, setting no-disturb, dial number automatically while picking up the telephone, set VIP numbers.

Set the black name list and confine numbers

Support point-point calling directly.

Support flexible methods of receiving numbers.

Support silence suppression and silence detection.

Support noise background simulation.

Support echoes suppression and auto gain.

Main function list:

Support protocol	SIP, IAX2	Caller ID display	Support
DHCP server/client	Support / support	3-Way Call	Support
NAT	STUN, CITRON, AVS (go through NAT)	Call Forward	Support
		Blind/attend Transfer	support
PoE	Support	Voice Message	support
PPPoE	Support	Call Recording	support
RJ45	2 RJ45 10/100M, support the switch between bridge and route mode	Support Fax	Null
RJ11	NO	DTMF	DTMF transmission. SIP info, In-band, RFC2833

Route/bridge Function	Support /support	Voice Codec	G.711A/u, G.723 high/low, G.729 A/B
Support multi-account	Support 5 SIP registrations	Special Functions	With extension board, support more presence and speed dial, display the different light color according to the online state of memory customers. VPN, openvpn and FTP remote auto Provisioning
Operation Temperature & Humidity	Temperature: 0-40°C Humidity: 10-65%(No dew)	Configure and upgrade	Support configure by Web, keyboard, Telnet; upgrade the firmware and configuration by HTTP, FTP, TFTP
Weight	1KG	Offer Power Supply	America &Europe Standard 100V-240V
Dimension	167mm*125mm*57mm	International Standard Certification	CE/FCC/RoHS
Big Package	10 PCS/carton	Accessory	Manual,RJ45Cable,power supply