

## VPX80-4012S

## Enterprise VoIP Gateway Router

## Highlights

- 12 FXS + 4 FXO VoIP Gateway
- 1x WAN, 3x LAN Gigabit Ethernet Ports (RJ45)
- Supports SIP/IMS Trunks & Analog Phones
- Built-in VoIP QoS & Advanced Call Routing
- Supports up to 300 Users for Business Use



## Specifications

<b>Model</b>	VPX80-4012S
<b>General Specifications</b>	
<b>Network interface</b>	1*WAN , 3*LAN , RJ45 interface, 10/100/1000M Ethernet adaptive
<b>Console interface</b>	1*RJ45 interface , 115200bps
<b>USB interface</b>	1*USB2.0 , support Full Speed
<b>FXS interface</b>	12FXS , RJ11 interface
<b>FXO interface</b>	4FXO , RJ11 interface
<b>Dimension</b>	430x180x44mm
<b>Weight</b>	< 2kg
<b>Case</b>	1U, Metal Material
<b>Power</b>	25W
<b>Power input</b>	Rated voltage range: 100~240VAC, 50/60Hz
<b>Working environment</b>	Relative Humidity : 95% non-condensing at 25~30°C non-operating, Ambient temperature : Operating10~35°C, non-operating -40~55°C ambient
<b>Reliability</b>	7X24 hours, The success rate is greater than 99.999%, MTBF greater than 80000 hours
<b>Applicable units</b>	Business, 12~300 users
<b>Upstream IP interface</b>	Static IP, DHCP, PPPoE, WAN sub-interface
<b>Upstream interface mode</b>	Routing mode, Bridge mode
<b>IP Service</b>	DDNS, Static routing, NAT, Port Mapping, UPnP, Virtual domain name, ALG, DNS, NTP, DHCP service
<b>Traffic management</b>	QoS strategy, Broadband Policy
<b>QoS</b>	Hardware chip realizes VoIP QoS
<b>Extension type</b>	Analog extension: analog telephone, SIP extension : IP phone, video phone, soft-phone
<b>Trunk type</b>	Analog trunk, SIP/IMS trunk
<b>Voice codec</b>	G.711U, G.711A, G.723, G.729
<b>Video codec</b>	H.263, H.264 ( transparent mode )
<b>DTMF</b>	RFC2833, SIPinfo, in band
<b>FAX</b>	T.30, T.38
<b>Business statistic</b>	Call log, Traffic statistics
<b>Call handling</b>	Call routing, Inbound routing, Number exchange, Dial plan, Caller ID identification, Called number identification, Call out whitelist, Inbound whitelist
<b>WAN port access control</b>	Web access, Ban PING, SSH protocol, SIP protocol

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<b>ARP attack defense</b>	IP/MAC binding, ARP attack prevention
<b>Voice server</b>	Local number inquiry, Calling number identification display, Calling number display restriction, Unconditional call forwarding, Call forward when busy& no answer, Blind transfer, inquiry transfer
<b>DDOS protection</b>	Ping of Death, Tear drop, TCP Flood, UDP flood, Trace-route, IP spoofing, Port Scan, WINNUKE attack
<b>VPN</b>	IPSec, L2TP, PPTP
<b>VoIP Security</b>	SIP registered account verification, SIP registered IP address verification, Total call duration limit, traffic monitoring
<b>Local management</b>	Web mode, Telnet, SSH
<b>Remote management</b>	SNMP, TR069
<b>System test</b>	Ping, Traceroute, IPconfig, Route, HTTPGet, DNS Query
<b>Log management</b>	Operation log, Running log, User log, Secure log
<b>System maintenance</b>	Configuration backup and restore, System upgrade, Restore factory value, Time setting