

VBX3000

Enterprise VoIP Gateway Router

Highlights

- Dual-core CPU with 4GB flash for fast performance
- 3 WAN/LAN ports with E1/T1 support
- HD voice & video with SIP, H.264 support
- Built-in VPN, QoS, and DDoS protection
- Web, SSH & SNMP remote management



Specifications

Model	VBX3000
General Specifications	
Processor	High-performance ARM dual-core CPU
Flash Memory	4GB
SSW single board	System switchboard, slot 1, 1WAN, 2LAN
Interface	1RJ45 interface, rate 10/100/1000Mbps, 1 console port, 115200bps, 1 USB2.0 interface
MEXP/E1 board	Host user expansion board, slot 2, 2 maintenance RJ45 network ports, 4E1/T1 ports, 1 USB 2.0 interface
Dimension	443x356x64mm
Weight	< 8kg
Case	1.5U, Metal Material
Power	150W
Power input	Rated voltage range: 100~240VAC, 50/60Hz
Working environment	Relative Humidity : 95% non-condensing at 25~30°C non-operating, Ambient temperature : Operating 10~35°C, non-operating -40~55°C ambient
Voice codec	G.711U, G.711A, G.723, G.729
Video codec	H.263, H.264 (transparent mode)
Reliability	7X24 hours, The success rate is greater than 99.999%, MTBF greater than 80000 hours
Upstream IP interface	Static IP, DHCP, PPPoE, WAN sub-interface
Upstream interface mode	Routing mode, Bridge mode
DTMF	RFC2833, SIPinfo, in band
FAX	T.30, T.38
Business statistic	Call log, Traffic statistics
Call handling	Call routing, Inbound routing, Number exchange, Dial plan, Caller ID identification, Called number identification, Call out whitelist, Inbound whitelist
IP Service	DDNS, Static routing, NAT, Port Mapping, UPnP, Virtual domain name, ALG, DNS, NTP, DHCP service
Traffic management	QoS strategy, Broadband Policy
QoS	Hardware chip realizes VoIP QoS
Extension type	Analog extension: analog telephone, SIP extension : IP phone, video phone, soft-phone
Trunk type	Analog trunk, SIP/IMS trunk, E1/T1 trunk
WAN port access control	Web access, Ban PING, SSH protocol, SIP protocol
ARP attack defense	IP/MAC binding, ARP attack prevention
Voice server	Local number inquiry, Calling number identification display, Calling number display restriction, Unconditional call forwarding, Call forward when busy& no answer, Blind transfer, inquiry transfer

VBX3000

Enterprise VoIP Gateway Router

Specifications

General Specifications	
DDOS protection	Ping of Death, Tear drop, TCP Flood, UDP flood, Trace-route, IP spoofing, Port Scan, WINNUKE attack
VPN	IPSec, L2TP, PPTP
VoIP Security	SIP registered account verification, SIP registered IP address verification, Total call duration limit, traffic monitoring
Local management	Web mode, Telnet, SSH
ARP attack defense	IP/MAC binding, ARP attack prevention
Remote management	SNMP, TR069
System test	Ping, Traceroute, IPconfig, Route, HTTPGet, DNS Query
Log management	Operation log, Running log, User log, Secure log
System maintenance	Configuration backup and restore, System upgrade, Restore factory value, Time setting