

EQ – 160 FXO Analog Gateway



- Voice High-Performance, fully concurrent call processing capabilities
- Support 16 FXO interface
- Support G.711, G.729, G.723, G.726, iLBC, AMR
- Support Voice, Fax and POS
- Network interface: 1*LAN, 1*WAN, 10/100Mbps, RJ45

Product details

Physical Interfaces

- Capacity: 16*FXO, RJ11
- Ethernet Interfaces: 3* LAN, 10/100Mbps, RJ-45
- Console: 1*RS232, 115200bps

FXO

- Connector: RJ11
- Dial Mode: DTMF / Pulse Dialing
- Caller ID: FSK, DTMF
- Polarity Reversal
- Answer Delay
- Busy Tone Detection
- No Current Detection

Voice & Fax

- G.711A/U law, G.723.1, G.729A/B
- Silence Suppression
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168), with up to 128ms
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- T.38 / Pass-through
- Modem / POS
- DTMF mode: Signal / RFC2833 / INBAND
- VLAN 802.1P / 802.1Q

VoIP

- Protocol:
 - SIP v2.0 (UDP/TCP), RFC3261
 - SDP, RTP(RFC2833), RFC3262, 3263,3264,3265,3515,2976,3311
- SIP TLS/SRTP
- RTP/RTCP, RFC2198,1889
- RFC4028 Session Timer
- RFC3266 IPv6 in SDP
- RFC2806 TEL URI
- RFC3581 NAT, rport
- Outbound Proxy
- DNS SRV / A Query / NATPR Query
- SIP Trunk
- Early Media / Early Answer
- NAT: STUN, Static / Dynamic NAT

Maintenance

- Auto Provisioning
- Web / Telnet
- Configuration Backup / Restore
- Firmware Upgrade via Web
- CDR
- Syslog
- Network Capture
- NTP / Daylight Saving Time
- IVR local Maintenance
- Cloud-based Management

Software Features

- Port Group
- Web ACL
- Telnet ACL
- Action URL
- Digitmap
- Routing Rules based Prefixes
- Caller/Called Number Manipulation
- Speed Dial

Environmental

- Power Supply: 100-240VAC, 50-60 Hz
- Power Consumption: 30W (Typical)
- Operating Temperature: 0°C~45°C
- Storage Temperature: -20°C~80°C
- Humidity: 10% - 90% Non-Condensing
- Dimensions(W/D/H): 440x230x44 mm
- Unit Weight: 2.7kg

Network

- Static / Dynamic IP
- PPPoE
- DHCP Client
- IPv4/IPv6
- TCP, UDP, TFTP, FTP, ARP, RARP, Ping, NTP,
- SNTP, HTTP/HTTPS, DNS
- Ping / Tracert
- DHCP Option 66, 120, 121
- OpenVPN