

Datasheet FXS/FXO VoIP Router

Connect Port

- 4/8 x RJ-11 FXS or FXO ports
- 1 x RJ-45 10/100Mbps WAN Ethernet Port
- 3 x RJ-45 10/100Mbps LAN Ethernet Ports

Voice Processing

- Audio CODEC:
 - G.711 A-law / u-law, (64kbps)
 - G.723.1, (5.3 or 6.3kbps)
 - G.726, (ADPCM 40, 32, 24, 16 kbps)
 - G.729a/G.729b, (8kbps)
- Support T.38FAX Relay(96k, 144k)
- Carrier tone detection and generation
- Silence suppression and comfort noise
- DTMF In/Out band Relay
- DTMF/ Call progress detection and generation
- Q.931 Fast Start
- Support Caller ID generation and detection
- Support VAD, H.225, H.245, CNG, G.168, Jitter buffer and programmable gain control

Voice Signaling

- Support SIP & H.323 s3 simultaneous VoIP calls
- Support SIP v2 Standard (RFC3261)
- NAT Traversal
 - Outbound Proxy
 - STUN Server
- Register up to 4 Server simultaneously
- Support multiple dialing plan / Call hunting group
- Adaptive Jitter Buffer Function
- Support multiple dialing plan / Call hunting group
- Extensible by external IVR/CDR/Billing server for value-added application
- Support current drop and polarity reversal detection and generation on analog trunk interface
 - Selectable group or sequence ring the PBX when VoIP call in
 - IP screening table for authorized VoIP call in
 - Flexible Routing table and profile

Management

- Web Interface Management
- Support Auto Provision Server
- Remotely configuration/Upgrade by Web UI or Auto Provision Server.
- Exportable CDR to CDR server
- 1 Reset button for load default ID/Password.
- WAN IP configure can be programmed by phone with IVR prompt
- Build-in watching dog for auto recovery

Router Functions

- Support static & dynamic IP from DHCP, PPPoE, Bridge mode
- Build-in DHCP Server and Client
- Dynamic DNS Support
- Support Network access rules (LAN to WAN & WAN to LAN)
- Self-Protection against DoS Attacks
- Support NAT through function
- Supported Protocol: UDP, TCP, NAT, BOOTP, TFTP, FTP, HTTP, TELNET, IEEE 802.3/ IEEE 802.3u
- Support SNMP, Sntp, HTTP, FTP, NAT, DNS, uPnP, DDNS
- NAT function: Virtual Server, Port mapping, ALG, DMZ, Static routing table
- Firewall option: Client filtering, URL filtering, MAC control, Drop Port scans
- Support QoS (ToS& DSCP) for VoIP

Hardware Specification

LED Indicators: READY, STATUS, POWER, PHONE, LINE, LAN and WAN.
 Power: AC100V-240V, DC 12V/1.66A (Max)
 Temperature: 0° C to 45° C (Operation), -20° C to 75° C (Storage)
 Humidity: up to 90% non-condensing
 Dimension: 233x 153 x 46 mm (W/D/H)
 Weight: 1.5Kg

Emissions

- CE/FCC Mark

Warranty

- One Year Limited Warranty

G3400B/G3800B 4/8 channel VoIP/PSTN smart call router series:

- IP/PSTN Dual Access –Incoming and outgoing calls from both IP and PSTN networks use same POTS phone set.
- Dual FXO/FXS interface for connect between PBX and PSTN
- Smart routing select between VoIP and PSTN by prefix number
- Automatic reroute the call via PSTN when VoIP failure with warning sound
- Maintain the call by bypass relay when power failure
- Direct analog bypass route when call between Line and Phone
- Support call waiting notice when VoIP talking

4/8 port Dual FXO/FXS Interface!

G3400C/G3800C have 4/8 port Dual PSTN/FXS interface to connect between PBX and PSTN!

Life line support! (G3400B/G3800B)

Automatic reroute the call via PSTN when VoIP failure with warning sound or power off bypass.

H.323 & SIP simultaneously support!

Deploy into any multimedia, interactive, or softswitch network with the leading call and session signaling protocol

Register up to 4 SIP or H.323 accounts mixable simultaneously!

Flexible registration for different VoIP Route plan

Bandwidth Control

user can manage the limitation of network bandwidth and prioritize VoIP packet to pass through

Firewall, NAT, DHCP, PPPoE

Connect to any broadband or access provider, serve the whole network, and secure your data. User configurable IP services ensure every host is connected to the LAN.

Auto-Provision-Server Support!

Easy to remote configure/Upgrade via Auto Provision Server.

WAN/LAN IP Setting by Phone

Easy IP configuration by Phone

QoS guaranteed Voice package

Quality of Service ensure voice traffic gets high priority without shutting down your Ethernet LAN



Model Information

- G340C: 4FXS
- G304C: 4FXO
- G322C: 2FXS+2FXO

- G380C: 8FXS
- G308C: 8FXO
- G344C: 4FXS+4FXO

- G3400C: 4FXS+4FXO, 4 VoIP Channel GW
- G3800C: 8FXS+8FXO, 8 VoIP Channel GW