

Datasheet VoIP Router

1/2-ports VoIP Router

Connect Port

- 1 x FXS + 1 x FXO / PSTN, 1/2 x FXS
- 1 x RJ-45 WAN Ethernet 10/100 Port
- 1 x RJ-45 LAN Ethernet 10/100 Port

Voice Processing

- Audio CODEC:
 - G.711 a-law / u-law, (64 kbps)
 - G.723.1, (6.3, 5.3 kbps)
 - G.726, (ADPCM 40, 32, 24, 16 kbps)
 - G.729a/G.729b, (8 kbps)
- Transparent pass through
- G.168 echo cancellation
- Carrier tone generation
- Silence suppression and comfort noise
- DTMF In/Out band Relay
- DTMF/ Call progress detection and generation
- Q.931 Fast Start
- Support Caller ID (FSK, DTMF)

Voice Signaling

- Support SIP & H.323 simultaneous VoIP calls
- Support SIP v2.0 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
- Multiple call profile for different parameters

Route Functions

- Support static and dynamic IP from DHCP, PPPoE
- Build-in DHCP Server
- 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, Static routing table
- Dos: TCP/UDP PortScan, IP Land, PingOfDeath, ICMP Smurf, TCP SynWithData, UDP Bomb
- Support QoS (ToS & DSCP) and bandwidth control, reserve bandwidth for VoIP call when data traffic busy

VoIP/PSTN smart call router(FXS+ PSTN Only)

- 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

Fax Support

- T.38 FAX Relay / T.30

Management

- Web Interface Management
- WAN IP configure can be programmed by phone with IVR prompt
- Support Auto Provision Server
- Remotely configuration/Upgrade by Web UI or Auto Provision Server.
- Exportable CDR to CDR server
- Option support TR-069
- 1 Reset button for load default ID/Password.

LED Indicators

- POWER, STATUS, READY, LAN, WAN, PHONE, LINE(FXS+PSTN Only)

Power

- External AC Power Adapter
- 12V DC, 0.5A

Temperature

- Operation: 0° C to 45° C
- Storage: -20° C to 75° C

Humidity

- Up to 95% Non-Condensing

Dimensions

- 90 x 75 x 24 mm (W/D/H)
- Weight : 80g

Warranty

- One Year Limited Warranty

VoIP + Router!

FXS + FXO / PSTN VoIP Gateway and Broadband Router

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

Firewall, NAT, DHCP, PPPoE!

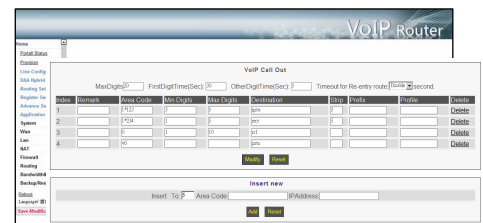
Connect to any broadband or access provider, serve the whole network, and secure your data. User configurable IP services ensure every host is connected to the LAN.

Auto Provision Server!

Easy to remote configure/Upgrade via Provision System.

WAN/LAN IP Setting by Phone!

Easy IP configuration by Phone



Setup Web

Model Information

H111: 1FXS + 1FXO, 1WAN+1LAN

H111P: 1FXS + 1PSTN, 1WAN+1LAN

H120: 2FXS, 1WAN+1LAN

H110: 1FXS, 1WAN+1LAN