Datasheet

VoIP Router

Connect Port
• 4 / 8 x FXS Ports
• 1 x RJ-45 WAN Ethernet 10/100 Port
• 2 x RJ-45 LAN Ethernet 10/100 Ports

Voice Processing
• Audio CODEC:
  • G.711 a-law / u-law
  • G.726
  • G.729
  • GSM
• 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

Voice Signaling
• Support SIP v 2.0 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, DDNS
• NAT function: Virtual Server, Port mapping, 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

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

Power
• External AC Power Adapter
• 12V DC, 2A

Humidity
• Up to 95% Non-Condensing

Dimensinos
• 200 x 120 x 36 mm (W/D/H)
• Weight : 0.5 Kg

Warranty
• One Year Limited Warranty

VoIP + Router!
FXS VoIP Gateway and Broadband Router

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

Register up to 4 SIP Proxy & accounts mixable simultaneously!
Flexible registration for different VoIP Route plan

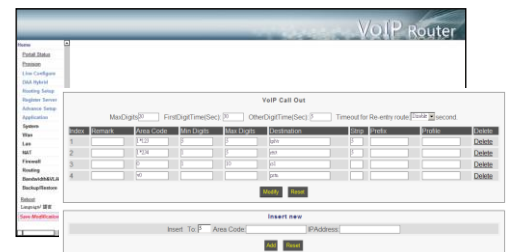### Firewall, NAT, DHCP, PPPoE!
Connect to any broadband or access provider, serve the whole network, and secure your data. User configurable IP services ensure every host is connected to the LAN.

Auto Provision Server!
Easy to remote configure/Upgrade via Provision System.

WAN/LAN IP Setting by Phone!
Easy IP configuration by Phone

Setup Web

SA980

SA940

Model Information
☐ SA940 : 4FXS, 1WAN+2LAN	
☐ SA980 : 8FXS, 1WAN+2LAN	