

SA816S

FXS VoIP Router

16 ports
VoIP Router

Connect Port

- 16 x FXS Ports
- 2 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
 - G.723.1
 - G.726
 - G.729
 - GSM / iLBC
- 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 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, 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.38FAXRelay / 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, 3A

Humidity

- Up to 95% Non-Condensing

Dimensions

- 350 x 157 x 45 mm (W/D/H)
- Weight : 1 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!

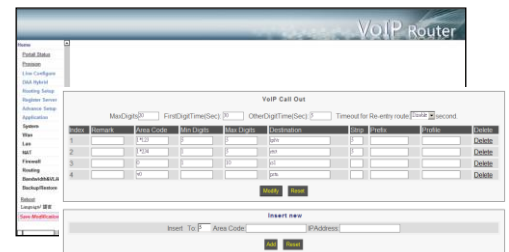
- Connect to any broadband or access provider, serve the whole network, and secure your data. User configurable IP services ensure every host is connected to the LAN.

Auto Provision Server!

- Easy to remote configure/Upgrade via Provision System.

WAN/LAN IP Setting by Phone!

- Easy IP configuration by Phone



Setup Web



Model Information

SA816S:16FXS, 2WAN+1LAN