Datasheet
VoIP Router

Connect Port

- 1 / 2 x RJ-21 connectors for 16 / 32-FXS ports
- 2 x RJ-45 10/100Mbps, auto-MDI/MDIX WAN Ethernet Ports
- 1 x RJ-45 10/100Mbps, auto-MDI/MDI-X LAN Ethernet Port

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)
- 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 generation and detection
- Support VAD, H.225, H.245, CNG, G.168, Jitter buffer and programmable gain control

Voice Signaling

- Support SIP VoIP call
- Support SIP v2 Standard (RFC3261 HTTP Digest, RFC 3611, RFC 2976 SIP INFO Method, RFC 4028 Session Timers in the SIP, RFC 3515)
- Support RFC 2833 RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals
- 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
- 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
- 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, RTP, 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) and bandwidth control, reserve bandwidth for VoIP call when data traffic busy.

Hardware Specification

LED Indicators: POWER, STATUS, READY, LAN, WAN1 and WAN.
Power: AC100V-240V
Temperature: 0° C to 45° C (Operation), -20° C to 75° C (Storage)
Humidity: up to 90% non-condensing
Dimension: 433 x 253 x 45 mm (W/D/H)
Weight: 1.5Kg

Emissions
- CE Mark

Warranty
- One Year Limited Warranty

16 / 32-port FXS!
H532S / H516S have 16 / 32 port FXS interfaces to connect PBX or Phone

Register up to 4 SIP Platforms 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 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

Bandwidth control
users can manage the limitation of network bandwidth and prioritize VoIP packet to pass through, also voice quality and communication stability are totally enhanced.

Model Information

- ☐ H532S:32FXS, 2WAN, 1LAN
- ☐ H516S:16FXS, 2WAN, 1LAN