

TSV-1000-4S : FXS VoIP Analog Access Gateway



TSV-1000-4S FXS analog gateways are versatile IP-based voice and fax gateway. For small business, the family office, remote office and branch business provide a low cost, simple operation VoIP solutions. Connected analog phone, fax, PBX with standard voice interface and provide quality voice service. TSV-1000-4S FXS VoIP access gateway use standard SIP protocol and compatible with Leading IMS/NGN platform, IPPBX and SIP servers.

KEY BENEFITS

- Support SIP/IMS/3GPP.
- Primary/Backup SIP Servers.
- Flexible Routing and Manipulation.
- Support Modem/POS.
- Elastix/Broadsoft Certification.
- Support IPv4 and IPv6.
- Data/ Voice/ Management VLAN.
- Build-in Firewall and Access Rules.
- SNMP/TR069/Provision.
- Cloud-based Management System and Bandwidth Optimization.

PHYSICAL INTERFACES

- Phone Interface: 4FXS, RJ-11
- Ethernet Interface: 2* RJ-45 10/100Mbps, RJ-45

VOICE & FAX

- G.711A/U, G.723, G.729,G.726
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Automatic Gain Control(AGC)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Hook Flash
- Programmable Gain Control
- T.38/Pass-through,up to 14.4kbps
- Modem/POS
- DTMF mode: Signal/RFC2833/INBAND

FXS PORT

- Connector: RJ11
- Dial Mode: DTMF and Pulse
- Pulse: 10 and 20 PPS
- Caller ID: DTMF/FSK
- Max Cable Length: 1 KM
- Reversed Polarity

PROTOCOL

- SIP V2.0 (RFC 3261,3262,3264)
- IMS/3GPP
- SDP (RFC 2327)
- REFER (RFC 3515)
- RTP/RTCP (RFC 1889,1890)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- TFTP/HTTP
- VLAN 802.1P/802.1Q
- V.152

SUPPLEMENT SERVICE

- Call Waiting.
- Blind Transfer.
- Attend Transfer.
- Call Pickup.
- Call Forward on Busy.
- Call Forward on No Reply.
- Unconditional Call Forward.
- Hotline.
- Call Hold.
- DND.
- 3-way conference.
- Voicemail.

CALL & ROUTE

- Port Group
- IP Trunk
- Primary and Secondary SIP Account
- 8 Inbound/Outbound Routing
- Number Manipulation
- Digitmap

NETWORK FEATURES

- NAT (Rout and Bridge)
- Static IP, PPPoE, DHCP Client
- DHCP Server
- DNS Proxy
- DMZ, Static routing
- Built-in Firewall
- Static/dynamic ARP
- QoS, Traffic Shaping
- Voice/Data/Management Vlan

MAINTAIN & UPGRADE

- SNMP/TR069
- Auto Provisioning
- Web/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via WEB/TFTP
- Syslog and CDR
- Access Rule List
- Network Capture
- Outward Test(GR909)
- Automatic Time Synchronization
- IVR local Maintenance
- Cloud-based Management

HOMOLOGATION

- CE,FCC
- Elastix / Broadsoft

ENVIRONMENT

- Power Supply:100-240V,50-60Hz
- Output: 12VDC,1A
- Power Consumption: 6W(long line 8W)
- Temperature(Operation): 0 °C ~ 45 °C
- (Storage): -20 °C ~80 °C
- Humidity: 10%-90% No condensation

DIMENSION & WEIGHT

- 140(L)× 86(W)× 25(H)mm 0.2kg

PACKING CONTENT

- Gateway
- Power adapter
- Network cable
- User's Manual CD

SYSTEM APPLICATION

