32 FXS · SIP · ROUTER MODE

# TAC600/32S

**Enterprise 32 FXS VoIP Gateway for Analog Phones**

Connects 32 analog phones and fax to your IP-PBX over SIP.

32 × FXS | SIP | 4 × GbE | 1U Rack



**32 × FXS** RJ11 / RJ21 | **4 × GbE** WAN + 3 LAN | **SFP** Optional slot | **SIP** RFC 3261 | **HD Voice** G.722, OPUS | **OpenVPN** Firewall | **Dual PSU** AC/DC opt.

## DESCRIPTION

The **TAC600/32S** is an enterprise VoIP access gateway with 32 FXS ports. It connects existing analog phones and fax machines to an IP-PBX, cloud PBX or IMS over SIP, with no need to replace phones, fax or cabling.

All 32 lines can call at once, with caller ID, transfer, conference and T.38 fax, plus OpenVPN and TR-069 for multi-site networks.

## FEATURE

- 32 FXS ports for analog phones and fax
- Keeps legacy phones, fax and wiring
- Full call concurrency on all 32 ports
- Caller ID, transfer, 3-way conference, DND
- HD voice (G.722, OPUS) and T.38 fax
- Analog line up to 5 km (10 km optional)
- 4 × GbE, optional SFP, router mode, VLAN
- Web, SSH, TR-069, SNMP, Syslog management

## TECHNICAL SPECIFICATION

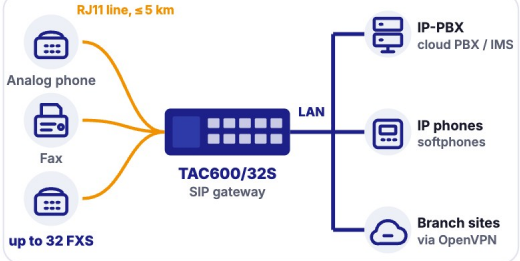
| MODEL | TAC600/32S | | |
|---|---|---|---|
| **Product Type** | 32-port FXS VoIP gateway | **Mounting** | Desktop or 1U rack |
| **FXS Ports** | 32 × RJ11 (RJ21 optional) | **Line Length** | 5 km (10 km optional) |
| **Network** | WAN 1 × + LAN 3 × 10/100/1000M RJ45 | **SFP** | 1 × SFP slot (optional) |
| **Other Ports** | USB 2.0, console, reset | **Indicators** | PWR, SYS, SFP, 32 × FXS |
| **FXS Signalling** | DTMF / pulse dialing; caller ID DTMF / SFSK / MFSK; MWI HV lighting / FSK / polarity reversal; national tones | | |
| **FXS Adjustment** | Port voltage, current and ringing; mic / speaker gain; polarity reversal signal; TxType 2; multiple timeouts | | |
| **Voice Services** | Caller ID, call forward, transfer, 3-way conference, DND, hotline, direct IP dial, redial, dialing rules, IMS SIP | | |
| **Protocols** | SIP (RFC 3261), SDP, RTP/RTCP, UDP/TCP/TLS, SRTP, T.38 / fax pass-through, DTMF RFC 2833 / in-band / INFO | | |
| **SIP Server** | Backup server, outbound proxy, early media | **Security** | Firewall, ARP, DDoS, OpenVPN |
| **Voice Codecs** | G.711U/A, G.723, G.729, G.726, G.722, iLBC, OPUS; QoS: EC, VAD/CNG, jitter buffer, PLC, gain control | | |
| **Network Features** | IPv4/IPv6, DHCP/PPPoE/VPNC, VLAN, DHCP server, NAT/DNS/IGMP, static/dynamic/policy routing, NTP, QoS | | |
| **Local Mgmt.** | Web (HTTP/HTTPS), SSH / console, config import / export, PnP, firmware upgrade, packet capture, diagnostics, logs | | |
| **Remote Mgmt.** | TR-069, SNMP, Syslog, firmware upgrade | **Reliability** | 24/7, 99.999% success, 80,000 h MTBF |
| **Power** | AC 100–240 V, 0.8 A, 50–60 Hz; dual AC / DC 48 V optional; consumption 7–30 W | | |
| **Operating Temp.** | 0 °C to 45 °C, 10–90% RH | **Storage Temp.** | −20 °C to 80 °C |
| **Dimension** | 438 × 236 × 45 mm (excl. rack ears) | **Net Weight** | 2.6 kg |

## DIMENSION (mm)




FRONT VIEW · 1U · DEPTH 236

## TOPOLOGY




## APPLICATION

Campus & industrial | Business office | Cross-site networking | Hotel | Emergency comms



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