8 FXO · SIP · ROUTER MODE

TAC600/8O

Enterprise 8 FXO VoIP Gateway for PSTN Telkom Line

Brings up to 8 Telkom PSTN lines into your IP-PBX over SIP.



8 × FXO RJ11 PSTN lines

2 × GbE WAN + LAN

SFP Optional slot

SIP RFC 3261, IMS

HD Voice G.722, OPUS

OpenVPN Firewall

TR-069 Auto-provision

DESCRIPTION

The **TAC600/8O** is an enterprise FXO VoIP gateway that connects up to 8 analog PSTN lines, such as Telkom lines, to an IP-PBX, cloud PBX or IMS platform over standard SIP. Companies keep their existing lines and public phone numbers while moving to IP telephony, with no change to the outside line installation.

Each port detects caller ID, polarity reversal and busy tone, and calls follow DID / DOD routing rules. Router mode, OpenVPN and TR-069 make it easy to deploy in offices and branches.

FEATURE

- 8 FXO ports (RJ11) for PSTN / Telkom analog lines
- Keeps existing lines and numbers on the IP-PBX
- Standard SIP (RFC 3261), SIP trunking, IMS support
- Inbound (DID) / outbound (DOD) routing, trunk groups
- Caller ID, polarity reversal and busy tone detection
- HD voice: G.711, G.722, G.729, OPUS and more
- Echo cancellation, VAD/CNG, jitter buffer, PLC
- 2 × Gigabit WAN/LAN, optional SFP, router mode
- OpenVPN, firewall, ARP and DDoS protection
- Web, SSH, TR-069, SNMP and Syslog management
- 24/7 operation, 80,000 h MTBF, metal chassis

TECHNICAL SPECIFICATION

MODEL	TAC600/8O		
Product Type	8-port FXO VoIP gateway	**Mounting**	Desktop, metal chassis
FXO Ports	8 × RJ11, line status LED	**FXO Mode**	Dedicated / shared
Network	WAN + LAN, 10/100/1000M RJ45	**SFP**	1 × SFP slot (optional)
Other Ports	USB 2.0, console, reset	**Indicators**	PWR, SYS, SFP
FXO Detection	Polarity reversal, caller ID (all formats), busy tone (multi-cadence), currentless disconnect		
FXO Functions	Secondary dialing, digit acceleration on outbound calls, per-port TX/RX gain, surge protection		
Voice Services	SIP trunking, trunk groups, DID / DOD routing, dial-out code, prefix addition, dialing rules, IMS SIP		
Protocols	SIP (RFC 3261), SDP, RTP/RTCP, UDP/TCP/TLS, SRTP; primary / backup SIP server, outbound proxy		
Fax / DTMF	T.38 and fax pass-through; DTMF RFC 2833 / in-band / INFO; early media		
Voice Codecs	G.711U/A, G.723, G.729, G.726, G.722, iLBC, OPUS		
Voice QoS	Echo cancellation, 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		
Security	Firewall, ARP defense, DDoS protection	**VPN**	OpenVPN
Local Mgmt.	Web (HTTP/HTTPS), SSH / console, config import / export, firmware upgrade, packet capture, ping / tracert, logs		
Remote Mgmt.	TR-069, SNMP, Syslog, firmware upgrade	**Reliability**	24/7, 99.999% success, 80,000 h MTBF
Power	DC 12 V, 2 A adapter	**Consumption**	3–7 W
Operating Temp.	0 °C to 45 °C, 10–90% RH	**Storage Temp.**	−20 °C to 80 °C
Dimension	235 × 110 × 28.5 mm	**Weight**	0.7 kg (net)

DIMENSION (mm)



FRONT VIEW SIDE VIEW

APPLICATION

- Call center
- IP-PBX upgrade
- Branch office
- Hotel & factory
- PSTN backup
- SME office

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