TP Series Voice Gateway

Telpo TP Series Models

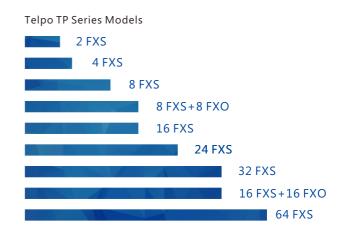|	
	2 FXS
	4 FXS
	8 FXS
	8 FXS+8 FXO
	16 FXS
	24 FXS
	32 FXS
	16 FXS+16 FXO
	64 FXS

Telpo TP series voice gateways are excellent quality and high cost-effective products that can connect legacy telephones, FAX, POS and PBX system. With carrier-grade performance, TP series voice gateways provide flexible networking for large enterprises and SMEs. Easier installation & confuguration, TP series are compatible with IP PBX or switch of Avaya, Cisco, Huawei, Broadsoft, ZTE, etc.

Various Models	Advanced Call Features	Cascade	Carrier-Grade Reliability	HD Voice
SIP Protocol	FXO Failover	NAT	Web Management	Firewall

Key Features

for TP-2S and TP-4S

- Caller ID Display (CLI)
- CLI Restriction
- Call Hold
- 3-Party Conference
- Call Transfer
- Call Waiting
- Do Not Disturb (DND)
- Hotline
- Black List
- White List
- POS Machine
- FAX
- Reversal of Polarity
- NAT

- Standard SIP Protocol
- SNMP/WEB
- System logs
- Login logs
- QoS
- VLAN
- Broadcast Storm Suppression
- Soft Access Control List (Soft ACL)

for TP-8S/16S/24SP/32SP/32S/64SP/64S & TP-8S8O/16S16O

- SIP Proxy Registration
- IVR (Single level)
- Caller ID Display (CLI)
- CLI Restriction
- Call Hold
- 3-Party Conference
- Call Transfer
- Call Waiting
- Do Not Disturb (DND)
- Distinctive Ring
- Pick up
- Hotline
- Polyphonic Ringtone
- Call Forwarding Unconditional
- Call Forward when No Reply

- Call Forward when Busy
- Call Duration Limit
- Polling group (Rotation, Priority, All)
- Black List
- White List
- FXO Routing
- FXO Failover
- POS Machine
- Primary/Standby SBC
- Reversal of Polarity
- NAT
- Firewall Traversal
- Standard SIP Protocol
- TR069/SNMP/WEB

- System logs
- Login logs
- QoS
- VLAN
- Broadcast Storm Suppression
- Soft Access Control List (Soft ACL)
- Two Numbers in One Telephone

Other features in TP-8S8O & TP-16S16O
- Two Numbers in One Telephone
- FXO Routing
- FXO Failover

TP Series Key Specification (for all models)

Items	TP-2S	TP-4S	TP-8S	TP-8S8O	TP-16S	TP-16S16O	TP-24SP	TP-32SP	TP-32S	TP-64SP	TP-64S
Interfaces											
FXS Ports	2	4	8	8	16	16	24	32	32	64	64
FXO Ports	-	-	-	8	-	16	-	-	-	-	-
Wan Port	1*10/100M Base-T									2*10/100M Base-T	
Lan Port	1*10/100M Base-T										
Console Port	1*RS232 for RJ45										
LED Indicators	Power, Active, Ready										
Media Processing											
VoIP Protocol	SIP 2.0, IMS-SIP										
Network Protocol	IP/TCP/UDP/RTP/RTCP/ICMP/ARP/RARP/SNTP										
Codec	G.711A/U-Law, G.729a/ab, G.723.1										
Transport	UDP										
Voice Capability	TOS/JITTER BUFFER/VAD/CNG/Diff-Serv/Gain Control/Packet Loss Compensation										
DTMF Mode	InBand, SIP Info, RFC 2833										
FAX	T.30, T.38, Bypass										
QoS	802.1q、DSCP										
IP Assignment	static/DHCP/PPPoE										
IP Services											
Firewall	Built-in firewall, packet filtering, IP port filtering, Whitelist										
Network Services	DHCP/DNS/Telnet/HTTP/NAT										
Telephony Features											
FXS Outbound Concurrent Call	2	4	8	8	16	16	16	16	32	32	64
SIP Outbound Concurrent Call	0	0	8	8	8	8	8	8	8	16	16
Management											
Management Protocol	Web OMC, SNMP, TR069										
Provisioning	HTTP TFTP										
Configuration	Remote Management, System Logs, Voice Menu for FXS Gateways Basic Configuration										
Connectivity											
Cascading	-	-	3	3	3	3	3	3	3	2	2
Physical											
Size (L × W × H) (mm)	109*70.5*23	160*115*37	290*200*44	435*199*44	435*199*44	435*199*44	435*199*44	435*199*44	435*199*44	435*199*44	435*199*44
Weight	0.5KG	0.8KG	1.78KG	3.2KG	3.2KG	3.3KG	3.3KG	3.3KG	3.3KG	3.4KG	3.4KG
Power Supply	Power Adapter Input: AC 160-240V, 47-63Hz Output: DC 12V 1-1.5A			AC 85-265V 47-63Hz							
Consunmption	7W	11W	17W	20W	20W	28W	<=35W	<=35W	<=35W	<=35W	<=35W
Surge protection	4KV										
Working Temperature	-10 ~ 60℃										
Storage Temperature	-10 ~ 60℃										
Humidity	10 ~ 95% (non-condensation)										
Wired Length	≤500m										
Mouting	Desktop, Wall-mount	Desktop, Wall-mount	Desktop, Wall-mount	Rack-mount	Rack-mount	Rack-mount	Rack-mount	Rack-mount	Rack-mount	Rack-mount	Rack-mount

* Note: If want to realize all features, please contact us for samples

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