



Enterprise IP Voice Communication Solution

YOUR SPECIALIST FOR IP VOICE SOLUTION



CooVox T-Series IP-PBX

Product Overview

CooVox T-Series is a unified communication system for SMBs. It not only comes with traditional PBX features like Caller ID and Auto Answer but also includes advanced IP PBX features such as Remote Extension, IVR, Call Recording, and Conference Calls. CooVox T-Series is suitable for small and medium businesses with up to 600 extensions. By attaching with G-Series Gateway, CooVox T-series can build a hybrid telephony network easily with no configuration required. Meanwhile, CooVox T-series provides flexible options for different trunks you may subscribe from any Telco, PSTN CO lines, GSM trunks, SIP trunks (VoIP).



Item \ Model	CooVox T100/T100-S/T100-A4	CooVox T200	CooVox T600
Extensions	100	200	600
Concurrent Calls	50	80	150
Recordings and Voicemail	400 hrs	15000 hrs	15000 hrs
Conference Rooms	Unlimited	Unlimited	Unlimited
RAM	1GB DDR3	1GB DDR3	4GB DDR3L
Storage	8GB SD Card (Industrial)	1TB Surveillance HDD	1TB Surveillance HDD

Model	CooVox T100-S	CooVox T100/T100-A4	CooVox T200	CooVox T600
FXO-200(2FXO)	X	√	X	X
FXS-200(2FXS)	X	√	X	X
4FXO	X	X	√	√
4FXS	X	X	√	√
2FXOS(2FXO+2FXS)	X	X	√	√
1PRI(E1/T1)	X	X	X	√



Operator Panel

The Operator Panel is a comprehensive software combined with call control operations and public address functions, tailored for the CooVox T-series IPPBX. Users can use the Operator Panel to manage and transfer a large number of calls, emergency paging, daily announcement, high-quality background music, etc. Perfect to use in application scenarios such as hotels, offices, health care, and many more.



CooCall Softphone

CooCall softphone brings users a new office phone experience while using the CooVox T-series. CooCall is like a desk phone that can take your office phone anywhere. Users can answer calls, dial calls, and even transfer calls through the office's IPPBX. There is no additional cost for the push notification function, which prevents you from missing a call. Support both iOS and Android systems.



Proxy Services

Proxy services let you experience the simplest form of remote extension deployment and remote office IP PBX integration. No fixed public IP, third-party DDNS services, and VPN router are required. Remote extension and integration of branch office phone systems have never been easier!



Remote Management

Each authorized IPPBX grants the remote access function and can be managed in a unified manner through the remote management system. ZYCOO partners can remotely help their customers with IPPBX system configuration, collaborative user troubleshooting, switching on/off equipment, and so on.



Web Extension

CooVox T-series supports WebRTC. Authorized extension users can log in to a web-based soft dialer and use its advanced features like Click-to-Call, Pop-up Window, Access Phonebook, Call Recording & Playback, Voice-mail Playback, and send Fax, etc.



Hot Standby

Two servers run simultaneously. Upon failure of one of the servers, the other server will take over all the IP phone services. By using Hot Standby, it guarantees high availability of enterprise phone services.



Billing System

Billing System can charge and recharge extensions and conduct analysis based on statistics. Both prepaid and postpaid are supported. Flexible rate settings and detailed records make it extremely easy for enterprises or hotels to monitor charges, spot misuse, and enhance efficiency.



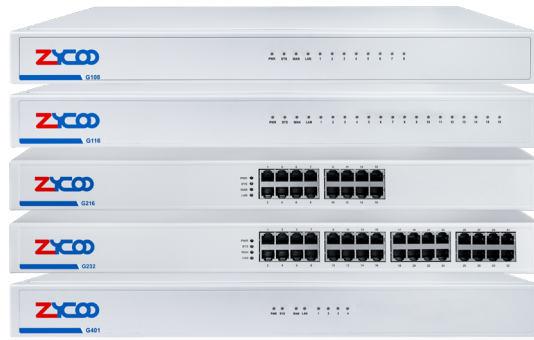
3rd Party Compatible

In addition to the built-in phone system functions, CooVox T-series IPPBX is compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication function.

CooVox Series feature list

Telephony Features	<ul style="list-style-type: none"> ▪ Call Queue ▪ Ring Group ▪ Call Forward ▪ Call Transfer ▪ Call Pickup ▪ Call Parking ▪ Call Waiting ▪ Speed Dial ▪ IVR(Multi-layer) ▪ Caller ID ▪ Call Spy ▪ Video Call ▪ 3-way Calling ▪ Conference Call ▪ Follow Me ▪ Call Back ▪ DISA ▪ Smart DID ▪ Blacklist ▪ Voicemail ▪ Wakeup Call ▪ PIN Code ▪ Do Not Disturb ▪ Switch Call ▪ Time Conditions ▪ Paging & Intercom ▪ One Number Stations ▪ Music On Ringback ▪ Distinctive Ringback ▪ Auto Call Recording ▪ One Touch Recording ▪ Web Extensions(WebRTC)
Protocols & Codecs	<ul style="list-style-type: none"> ▪ SIP (RFC3261), IAX2 ▪ DTMF (RFC4733, SIPINFO, In-Band) ▪ Transport Protocols: UDP, TCP, TLS, SRTP ▪ Network Protocols: IPv4, IPv6 , VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP ▪ Video Codecs: VP8, H.264, H.263+, H.263, H.261 ▪ Audio Codecs: Opus, G.722, G.711 (a-law, u-law), G.729, G.726, GSM, SPEEX, AMR, AMR-WB
Feature Highlights	<ul style="list-style-type: none"> ▪ Remote Access ▪ Custom Logo & Theme ▪ Remote Management ▪ Softphone APP Auto Provisioning (QR Code Scan) ▪ IP Phone Auto Provisioning ▪ LDAP Phonebook Auto Configure ▪ G-Series Gateway Auto Discovering ▪ SIP Proxy (NAT Traversal) ▪ Open API Interface for Secondary Development to Connect with 3rd-Party Systems ▪ Multilingual Interface: English, Simplified Chinese, Traditional Chinese, Russian ▪ Multilingual System Voice: English, Chinese, Spanish, French and other 24 languages
Multi-level User Administration	<ul style="list-style-type: none"> ▪ Admin user: All Privileges ▪ Operator user: Extensions, faxes, CDR, recordings, etc. ▪ Extension user: WebRTC, recordings, voicemails, call logs, etc. ▪ Billing user ▪ Operator panel user
Security	<ul style="list-style-type: none"> ▪ Firewall based on iptables ▪ Geo-IP (Security policy based on IP address geographical locations) ▪ Intrusion auto detection and prevention ▪ IP Black/White List ▪ Extension Permit IP ▪ Data Backup and Recovery
Network Features	<ul style="list-style-type: none"> ▪ Network (WAN): Static IP, DHCP, PPPoE ▪ VPN:PPTP, OpenVPN ▪ Static Routing ▪ DHCP Server ▪ VLAN (WAN&LAN Interface) ▪ Virtual IP ▪ SIP Proxy (NAT Traversal)

G-Series Gateway



G-Series Gateway brings a comprehensive range of solutions to enhance voice communication for businesses of all sizes. The G108 FXO Gateway connects up to 8 PSTN lines, while the G116 FXO Gateway supports connecting up to 16 PSTN lines, offering advanced routing capabilities and robust security features, including TLS protocol encryption. The G216 FXS Gateway is designed to connect up to 16 analog devices, while the G232 FXS Gateway provides up to 32 analog devices connection. It also allows seamless migration to an IP-based system while using existing analog phones. The G401 PRI Gateway ensures high-quality voice and data transmission over T1 or E1 connections, supporting the PRI standards. Additionally, the gateways support auto-provisioning with the ZYCOO IP- PBX, allowing zero-config for easy setup and management.

Port \ Model	G108	G116	G216	G232	G401
FXO	8 x RJ11 FXO Ports	16 x RJ11 FXO Ports	/	/	/
FXS	/	/	16 x RJ11 FXS Ports, 1 x RJ21 Port	32 x RJ11 FXS Ports, 2 x RJ21 Ports	/
PRI	/	/	/	/	1 x E1/T1 Port

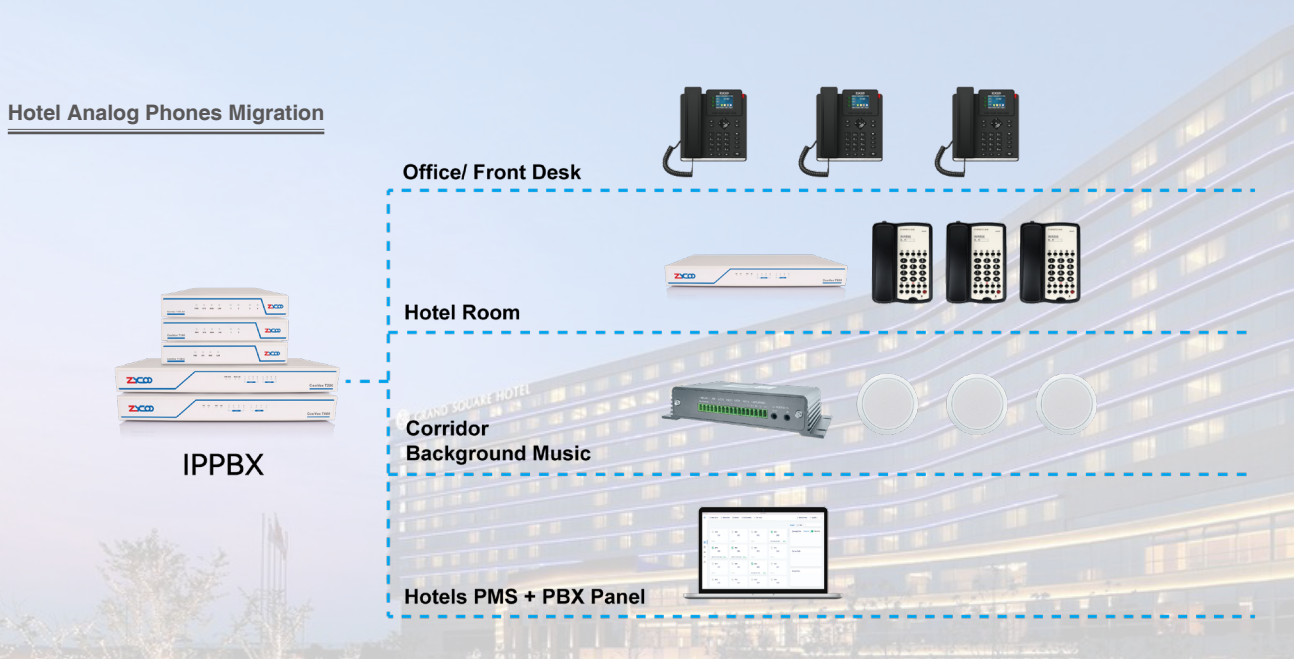
Item \ Model	G-Series Gateway
Processor	1.5GHz Quad - core A53 processor
Memory	1GB DDR3 SDRAM
Storage	8GB SD Card
Network	1 x 10/100Mbps, 1 x 10/100/1000Mbps
Signaling	SIP (RFC3261)
Audio Codecs	G.722/ G.711 - Ulaw/ G.711- Alaw/ G.726/ G.729/ GSM/ SPEEX
Dimension	440mm*171mm*44.5mm
Mounting	1U standard mounting
Power	100 - 240V AC, 50/60Hz
Compatible IPPBX	IPPBX that supports standard SIP protocol

Use Scenarios

Single/Multiple Branch Offices



Hotel Analog Phones Migration



Campus PA&Alarm system

