



## CooVox T100

# IP Phone System

CooVox T100 is an easy-to-config and delicate diminutive IPPBX system specially designed for small and medium-sized enterprises worldwide. CooVox T100 is well suited for small businesses with up to 100 people and meets all the needs of an office phone system. When used with the G Series VoIP Gateway, T100 supports mixed networking of analog phones and VoIP phones. External lines can be selected from analog lines or VoIP lines. Equipped with the brand-new software 4.0 system, CooVox T100 can provide users with more convenience in application and management. Plus, it can improve enterprise communication efficiency, and help enhance enterprise value.

## Application Scenarios



Restaurant



Venue



Retail Store



Mine



Financial Institution



Factory



Warehouse



National Park

## Feature Highlights



### Endpoints Provisioning

Quick and straightforward deployment of endpoint devices using the Plug-and-Play auto-provisioning feature. Users can scan the QR code to complete the registration on the CooCall softphone.



### Proxy Services

No fixed public IP, third-party DDNS services, and VPN router are required. Remote extension and remote branch office phone system integration have never been easier!



### 3rd Party Compatible

In addition to the built-in phone system functions, CooVox T100 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication function.



### Remote Management System

The control center can manage each authorized PBX in a unified manner through the remote management system, realizing remote switching off equipment, viewing real-time data, and collaborative user troubleshooting.



### 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.



### G Series Gateway Provisioning

Support use with G Series Gateways, which can help users quickly deploy analog phones, or backup, and restore the gateway's configuration on it.



### Billing

With a built-in billing system, no third-party billing software is required. Prepaid/postpaid billing, billing credit, flexible billing rates, and billing statistics features are all supported.



### CooCall Softphone

CooCall softphone brings users a new office phone system experience while using the CooVox IPPBX v4. CooCall is like a desk phone that can take your office anywhere. Users can answer calls, dial calls, and even dial international calls through the office's IPPBX.



### Operator Panel

The Operator Panel is a comprehensive software specially designed for the CooVox series of IPPBX. By using the Operator Panel, users can achieve features such as live paging, emergency paging, high-quality background music, scheduled paging, scheduled music, etc.

## Hardware Specifications

Specifications	
Dimension	170mm*115mm*30mm
Weight	0.6kg
Analog Interface	2 Port (Interface standard RJ11; FXO outside line or FXS inside line)
CPU	ARM 4 Core
RAM	1GB DDR3
Storage (SD Card)	8G SD Card (Industrial grade)
USB (Extended Storage Supported)	1 Port (File system format: FAT16, FAT32, EXTFAT, NTFS, EXT3, EXT4)
Ethernet Interface	WAN (10/100/1000Mbps), LAN (10/100Mbps)
Console Port	1 Port (Rate 115200)
Reset Key	Support
Power	DC 12V-1A

## Software Specifications

System Capacity	<input checked="" type="checkbox"/> 100 Extensions <input checked="" type="checkbox"/> 50 Simultaneous Calls <input checked="" type="checkbox"/> 30 Conference Attendees (Recommended) <input checked="" type="checkbox"/> 50 Conference Attendees (Maximum) <input checked="" type="checkbox"/> 400 hrs Recording (Internal Storage)	<input checked="" type="checkbox"/> Unlimited SIP/IMS Trunks (Max) <input checked="" type="checkbox"/> Unlimited IVR Levels <input checked="" type="checkbox"/> Unlimited Number of Queues <input checked="" type="checkbox"/> Unlimited Phonebook Contacts <input checked="" type="checkbox"/> Maximum 30 Paging Members (Recommended) <input checked="" type="checkbox"/> 500000 CDR History	<input checked="" type="checkbox"/> 1TB USB Expansion Storage <input checked="" type="checkbox"/> Unlimited Number of Incoming Routes <input checked="" type="checkbox"/> Unlimited Number of Outbound Routes		
	<input checked="" type="checkbox"/> SIP(RFC3261), IAX2 <input checked="" type="checkbox"/> DTMF(RFC4733, SIPINFO, In-Band) <input checked="" type="checkbox"/> Transport Protocols: UDP, TCP, TLS, SRTP <input checked="" type="checkbox"/> Network Protocols: IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP <input checked="" type="checkbox"/> Video Codecs: VP8, H.264, H.263+, H.263, H.261 <input checked="" type="checkbox"/> Audio Codecs: Opus, G.722, G.711(a-law, u-law), G.729, G.726, GSM, SPEEX, AMR, AMR-WB				
Protocols & Codecs					
	<input checked="" type="checkbox"/> Call Queue <input checked="" type="checkbox"/> Ring Group <input checked="" type="checkbox"/> Call Forward <input checked="" type="checkbox"/> Call Transfer <input checked="" type="checkbox"/> Call Pickup <input checked="" type="checkbox"/> Call Parking <input checked="" type="checkbox"/> Call Waiting <input checked="" type="checkbox"/> Speed Dial <input checked="" type="checkbox"/> IVR (Multi-layer)				
Telephony Features	<input checked="" type="checkbox"/> Caller ID <input checked="" type="checkbox"/> Call Spy <input checked="" type="checkbox"/> Video Call <input checked="" type="checkbox"/> 3-way Calling <input checked="" type="checkbox"/> Conference Call <input checked="" type="checkbox"/> Follow Me <input checked="" type="checkbox"/> Call Back <input checked="" type="checkbox"/> DISA <input checked="" type="checkbox"/> Smart DID				
	<input checked="" type="checkbox"/> Blacklist <input checked="" type="checkbox"/> Voicemail <input checked="" type="checkbox"/> Wakeup Call <input checked="" type="checkbox"/> PIN Code <input checked="" type="checkbox"/> Do Not Disturb <input checked="" type="checkbox"/> Switch Call <input checked="" type="checkbox"/> Time Conditions <input checked="" type="checkbox"/> Paging & Intercom				
Feature Highlights	<input checked="" type="checkbox"/> Remote Management <input checked="" type="checkbox"/> Softphone APP Auto Provisioning (QR Code Scan) <input checked="" type="checkbox"/> IP Phone Auto Provisioning (PNP & Quick Register Code) <input checked="" type="checkbox"/> LDAP Phonebook Auto Configure (H81, H83) <input checked="" type="checkbox"/> EX16S Auto Provisioning <input checked="" type="checkbox"/> SIP Proxy (NAT Traversal) <input checked="" type="checkbox"/> Open API Interface for Secondary Development to Connect with 3rd Systems <input checked="" type="checkbox"/> Multilingual Interface: Simplified Chinese, Traditional Chinese, English, Russian, Spanish <input checked="" type="checkbox"/> Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages				

Multi-level User Administration	<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Admin user: All Privileges</li><li><input checked="" type="checkbox"/> Operator user: Extensions, faxes, CDR, recordings, etc.</li><li><input checked="" type="checkbox"/> Extension user: WebRTC, recordings, voicemails, call logs, etc.</li><li><input checked="" type="checkbox"/> Billing user</li><li><input checked="" type="checkbox"/> Operator panel user</li></ul>
Security	<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Firewall based on iptables</li><li><input checked="" type="checkbox"/> Geo-IP (Security policy based on IP address geographical locations)</li><li><input checked="" type="checkbox"/> Intrusion auto detection and prevention</li><li><input checked="" type="checkbox"/> IP Black/White List</li><li><input checked="" type="checkbox"/> Extension Permit IP</li><li><input checked="" type="checkbox"/> Data Backup and Recovery</li></ul>
Network Features	<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Network (WAN): Static IP, DHCP, PPPoE</li><li><input checked="" type="checkbox"/> VPN: PPTP, OpenVPN,</li><li><input checked="" type="checkbox"/> Static Routing</li><li><input checked="" type="checkbox"/> DHCP Server</li><li><input checked="" type="checkbox"/> VLAN (WAN&amp;LAN Interface)</li><li><input checked="" type="checkbox"/> Virtual IP</li><li><input checked="" type="checkbox"/> SIP Proxy (NAT Traversal)</li></ul>



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