



## 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.



### 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.



### 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!



### 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.



### 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.



### 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.



### 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.



### 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, EXT FAT, NTFS, EXT3, EXT4)
Ethernet Interface	WAN, LAN (10/100Mbps)
Console Port	1 Port (Rate 115200)
Reset Key	Support
Power	DC 12V-1A

## Software Specifications

System Capacity	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 100 Extensions</li> <li><input checked="" type="checkbox"/> 50 Simultaneous Calls</li> <li><input checked="" type="checkbox"/> 30 Conference Attendees (Recommended)</li> <li><input checked="" type="checkbox"/> 50 Conference Attendees (Maximum)</li> <li><input checked="" type="checkbox"/> 400 hrs Recording (Internal Storage)</li> <li><input checked="" type="checkbox"/> Unlimited SIP/IMS Trunks (Max)</li> <li><input checked="" type="checkbox"/> Unlimited IVR Levels</li> <li><input checked="" type="checkbox"/> Unlimited Number of Queues</li> <li><input checked="" type="checkbox"/> Unlimited Phonebook Contacts</li> <li><input checked="" type="checkbox"/> Maximum 30 Paging Members (Recommended)</li> <li><input checked="" type="checkbox"/> 500000 CDR History</li> <li><input checked="" type="checkbox"/> 1TB USB Expansion Storage</li> <li><input checked="" type="checkbox"/> Unlimited Number of Incoming Routes</li> <li><input checked="" type="checkbox"/> Unlimited Number of Outbound Routes</li> </ul>
Protocols & Codecs	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> SIP(RFC3261), IAX2</li> <li><input checked="" type="checkbox"/> DTMF(RFC4733, SIPINFO, In-Band)</li> <li><input checked="" type="checkbox"/> Transport Protocols:UDP, TCP, TLS, SRTP</li> <li><input checked="" type="checkbox"/> Network Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP</li> <li><input checked="" type="checkbox"/> Video Codecs:VP8, H.264, H.263+, H.263, H.261</li> <li><input checked="" type="checkbox"/> Audio Codecs:Opus, G.722, G.711(a-law, u-law), G.729, G.726, GSM, SPEEX, AMR, AMR-WB</li> </ul>
Telephony Features	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Call Queue</li> <li><input checked="" type="checkbox"/> Ring Group</li> <li><input checked="" type="checkbox"/> Call Forward</li> <li><input checked="" type="checkbox"/> Call Transfer</li> <li><input checked="" type="checkbox"/> Call Pickup</li> <li><input checked="" type="checkbox"/> Call Parking</li> <li><input checked="" type="checkbox"/> Call Waiting</li> <li><input checked="" type="checkbox"/> Speed Dial</li> <li><input checked="" type="checkbox"/> IVR (Multi-layer)</li> <li><input checked="" type="checkbox"/> Caller ID</li> <li><input checked="" type="checkbox"/> Call Spy</li> <li><input checked="" type="checkbox"/> Video Call</li> <li><input checked="" type="checkbox"/> 3-way Calling</li> <li><input checked="" type="checkbox"/> Conference Call</li> <li><input checked="" type="checkbox"/> Follow Me</li> <li><input checked="" type="checkbox"/> Call Back</li> <li><input checked="" type="checkbox"/> DISA</li> <li><input checked="" type="checkbox"/> Smart DID</li> <li><input checked="" type="checkbox"/> Blacklist</li> <li><input checked="" type="checkbox"/> Voicemail</li> <li><input checked="" type="checkbox"/> Wakeup Call</li> <li><input checked="" type="checkbox"/> PIN Code</li> <li><input checked="" type="checkbox"/> Do Not Disturb</li> <li><input checked="" type="checkbox"/> Switch Call</li> <li><input checked="" type="checkbox"/> Time Conditions</li> <li><input checked="" type="checkbox"/> Paging &amp; Intercom</li> <li><input checked="" type="checkbox"/> One Number Stations</li> <li><input checked="" type="checkbox"/> Music On Ringback</li> <li><input checked="" type="checkbox"/> Distinctive Ringtone</li> <li><input checked="" type="checkbox"/> Auto Call Recording</li> <li><input checked="" type="checkbox"/> One Touch Recording</li> <li><input checked="" type="checkbox"/> Web Extensions (WebRTC)</li> </ul>
Feature Highlights	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Remote Management</li> <li><input checked="" type="checkbox"/> Softphone APP Auto Provisioning (QR Code Scan)</li> <li><input checked="" type="checkbox"/> IP Phone Auto Provisioning (PNP &amp; Quick Register Code)</li> <li><input checked="" type="checkbox"/> LDAP Phonebook Auto Configure (H81, H83)</li> <li><input checked="" type="checkbox"/> EX16S Auto Provisioning</li> <li><input checked="" type="checkbox"/> SIP Proxy (NAT Traversal)</li> <li><input checked="" type="checkbox"/> Open API Interface for Secondary Development to Connect with 3rd Systems</li> <li><input checked="" type="checkbox"/> Multilingual Interface: Simplified Chinese, Traditional Chinese, English, Spanish, Czech, Korean</li> <li><input checked="" type="checkbox"/> Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages</li> </ul>

<b>Multi-level User Administration</b>	<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>
<b>Security</b>	<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>
<b>Network Features</b>	<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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