



## CooVox T600

# IP Phone System

CooVox-T600 is a professional-grade IPPBX system specially designed for medium and large enterprises. It supports up to 600 extensions, 150 simultaneous calls, and 150 simultaneous conference attendees. The equipped large-capacity of 1TB hard disk can support and save up to 15,000 hours of call recordings. Therefore, CooVox-T600 is ideal for enterprises demanding high performance and stability of IP PBX systems. When used with the G Series VoIP Gateway, T600 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-T600 can provide users with more convenience in application and management. Plus, improve enterprise communication efficiency, and help enhance enterprise value.

## Application Scenarios



School



Venue



Retail Store



Airports



Financial Institution



Factory



Hospital



Shopping Malls

## 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!



### 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.



### 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.



### 3rd Party Compatible

In addition to the built-in phone system functions, CooVox -T600 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.



### 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	440mm*240mm*44.5mm
Weight	2.95kg
Slot	2 Slots (Adapter module: FXO/FXS/GSM/WCDMA/PRI)
CPU	2.41GHz Dual-core Intel Processor
RAM	4GB DDR3L
Storage (EMMC)	16GB EMMC + 1TB Surveillance HDD
USB (Extended Storage Supported)	USB3.0 interface *1 + USB2.0 interface *1
Ethernet Interface	WAN, LAN (10/100Mbps)
Power	AC 100~240V, 50/60Hz, MAX1.5A

## Software Specifications

System Capacity	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 600 Extensions</li> <li><input checked="" type="checkbox"/> 150 Simultaneous Calls</li> <li><input checked="" type="checkbox"/> 150 Conference Attendees</li> <li><input checked="" type="checkbox"/> 15000 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 200 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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(719) 322-4365

[zycoo@zycoo.com](mailto:zycoo@zycoo.com)

[www.zycoo.com](http://www.zycoo.com)

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