# CooVox T200

# IP Phone System

CooVox T200 is an easy-to-config and delicate moderate-sized IPPBX system specially designed for SMEs. CooVox T200 is well suited for enterprises with around 200 people, and it fulfills all the needs of an enterprise's office phone system.  T200 can support GSM modules, analog trunks, SIP trunks, or other VoIP system integration. When used with the G Series VoIP Gateway, T200 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 T200 can provide users with more convenience in application and management. Plus, improve enterprise communication efficiency, and help enhance enterprise value.

# ZYCOO Communications LLC

## Application Scenarios

**School**

**Venue**

**Retail Store**

**Mine**

**Financial Institution**

**Factory**

**Hospital**

**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 T200 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.

### 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.

### 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.

### 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*170mm*44.5mm |
| Weight | 2.2kg |
| Slot | 2 Slots（Adapter module： FXO/FXS/GSM） |
| CPU | ARM 4 Core |
| RAM | 1GB DDR3 |
| Storage （SD Card） | 8G SD Card (Industrial grade)+ 1TB Surveillance HDD |
| USB (Extended Storage Supported) | 1 Port（File system format： FAT16, FAT32, EXTFAT, NTFS, EXT3, EXT4) |
| Ethernet Interface | WAN, LAN (10/100Mbps) |
| Console Port | 1 Port（Rate 115200） |
| Reset Key | Support |
| Power | AC 100~240V, 50/60Hz, MAX1.5A |

# Software Specifications

| System Capacity | |
|---|---|
| ☑ 200 Extensions<br>☑ 80 Simultaneous Calls<br>☑ 60 Conference Attendees(Recommended)<br>☑ 80 Conference Attendees(Maximum)<br>☑ 15000 hrs Recording (Internal Storage) | ☑ Unlimited SIP/IMS Trunks (Max)<br>☑ Unlimited IVR Levels<br>☑ Unlimited Number of Queues<br>☑ Unlimited Phonebook Contacts<br>☑ Maximum 200 Paging Members<br>☑ 500000 CDR History | ☑ 1TB USB Expansion Storage<br>☑ Unlimited Number of Incoming Routes<br>☑ Unlimited Number of Outbound Routes |

**Protocols & Codecs**

- ☑ 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

**Telephony Features**

| | | | |
|---|---|---|---|
| ☑ Call Queue | ☑ Caller ID | ☑ Blacklist | ☑ One Number Stations |
| ☑ Ring Group | ☑ Call Spy | ☑ Voicemail | ☑ Music On Ringback |
| ☑ Call Forward | ☑ Video Call | ☑ Wakeup Call | ☑ Distinctive Ringtone |
| ☑ Call Transfer | ☑ 3-way Calling | ☑ PIN Code | ☑ Auto Call Recording |
| ☑ Call Pickup | ☑ Conference Call | ☑ Do Not Disturb | ☑ One Touch Recording |
| ☑ Call Parking | ☑ Follow Me | ☑ Switch Call | ☑ Web Extensions (WebRTC) |
| ☑ Call Waiting | ☑ Call Back | ☑ Time Conditions | |
| ☑ Speed Dial | ☑ DISA | ☑ Paging & Intercom | |
| ☑ IVR (Multi-layer) | ☑ Smart DID | | |

**Feature Highlights**

- ☑ Remote Management
- ☑ Softphone APP Auto Provisioning (QR Code Scan)
- ☑ IP Phone Auto Provisioning (PNP & Quick Register Code)
- ☑ LDAP Phonebook Auto Configure (H81, H83)
- ☑ EX16S Auto Provisioning
- ☑ SIP Proxy (NAT Traversal)
- ☑ Open API Interface for Secondary Development to Connect with 3rd Systems
- ☑ Multilingual Interface: Simplified Chinese, Traditional Chinese, English, Russian, Spanish
- ☑ Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages

| | |
|---|---|
| **Multi-level User Administration** | ☑ Admin user: All Privileges<br>☑ Operator user: Extensions, faxes, CDR, recordings, etc.<br>☑ Extension user: WebRTC, recordings, voicemails, call logs, etc.<br>☑ Billing user<br>☑ Operator panel user |
| **Security** | ☑ Firewall based on iptables<br>☑ Geo-IP (Security policy based on IP address geographical locations)<br>☑ Intrusion auto detection and prevention<br>☑ IP Black/White List<br>☑ Extension Permit IP<br>☑ Data Backup and Recovery |
| **Network Features** | ☑ Network (WAN): Static IP, DHCP, PPPoE<br>☑ VPN:  PPTP,  OpenVPN,<br>☑ Static Routing<br>☑ DHCP Server<br>☑ VLAN （WAN&LAN Interface）<br>☑ Virtual IP<br>☑ SIP Proxy (NAT Traversal) |