

CooVox-U100

CooVox-U100 is a high-end, heavy-duty and yet cost-effective enterprise-grade IPPBX system for medium to large enterprises. It is a fully featured IPPBX system with high system capacity, allowing the CooVox-U100 to fulfill a business's existing telecommunication needs while also providing future growth options and all of this without additional license fees.

CooVox-U100 is ideal for those enterprises which have a demanding telephony environment, as it supports up to 500 extensions, 100 simultaneous calls, 100 simultaneous conference attendees, up to 7500 hours call recording. All features are available to use with no additional license fees.



Advantages

✓ Quick Setup Wizard

Quick Setup Wizard allows speedy initial configuration of the U100 system. The wizard includes all essential configuration steps in an easy to use and intuitive web based interface.

✓ Endpoints Provisioning

Quick and simple deployment of endpoint devices using PNP and Quick Register Code. CooCall APP can be provisioned by scanning a QR code.

✓ Hot Standby

Two U100 servers run simultaneously, upon failure of one of the servers, the other server will take over all IP phone services. By using Hot Standby, it guarantees high availability of the enterprise phone services.

✓ Operator Panel

The Operator Panel is a comprehensive software application 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.

✓ SIP Proxy Services

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

✓ Billing

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

✓ Web Conference Manager

By using web conference manager, it will be much easier for you to start and manage a conference from the Web interface. Invite participants, mute/unmute participants, kick out participants can be done by a few mouse clicks.

Hardware Specifications

| Items | Specifications |
|----------------------------------|--|
| Telephony Interfaces | 8xFXO/FXS/GSM/WCDMA, 2xE1/T1, 4xBRI Interfaces |
| CPU | 2.41GHz Dual-core Intel Processor |
| RAM | 4GB DDR3L |
| Storage | 16GB EMMC + 500GB HDD |
| USB (Extended Storage Supported) | 2 (Supported File System: FAT16,FAT32,EXTFAT,NTFS,EXT3,EXT4) |
| Ethernet Interface | WAN, LAN (10/100/1000Mbps) |
| Power | AC 100-240V, Max. 1.5A |
| Dimension | 440x222x44mm (19" 1U industry standard rack-mountable chassis) |

Software Specifications

| | | |
|---------------------------------|---|--|
| System Capacity | <div><div>✓</div>500 Extensions</div> <div><div>✓</div>100 Simultaneous Calls</div> <div><div>✓</div>100 Conference Attendees</div> <div><div>✓</div>7500hrs Recording/Voicemail (Internal Storage)</div> <div><div>✓</div>1-31 EX16S Deployment (Recommended)</div> | <div><div>✓</div>Unlimited IVR Levels</div> <div><div>✓</div>200 SIP/IMS Trunks (Max)</div> <div><div>✓</div>500000 CDR History</div> <div><div>✓</div>10000 Phonebook Contacts</div> <div><div>✓</div>50 Paging Members</div> |
| Protocols & Codecs | <div><div>✓</div>SIP(RFC3261), IAX2</div> <div><div>✓</div>DTMF(RFC4733, SIPINFO, In-Band)</div> <div><div>✓</div>Transport Protocols: UDP, TCP, TLS, SRTP</div> <div><div>✓</div>Network Protocols: IPv4, IPv6, VLAN, DHCP, PPPoE, NTP, SNTP, TFTP, SSH, HTTPS, LDAP</div> <div><div>✓</div>Video Codecs: VP8, H.264, H.263+, H.263, H.261</div> <div><div>✓</div>Audio Codecs: Opus, G.722, G.711(a, u), G.729, G.726, GSM, SPEEX, AMR, AMR-WB</div> | |
| Telephony Features | <div><div>✓</div>Call Queue</div> <div><div>✓</div>Ring Group</div> <div><div>✓</div>Call Forward</div> <div><div>✓</div>Call Transfer</div> <div><div>✓</div>Call Pickup</div> <div><div>✓</div>Call Parking</div> <div><div>✓</div>Call Waiting</div> <div><div>✓</div>Speed Dial</div> <div><div>✓</div>IVR (Multi-layer)</div> <div><div>✓</div>Caller ID</div> <div><div>✓</div>Call Spy</div> <div><div>✓</div>Video Call</div> <div><div>✓</div>3-way Calling</div> <div><div>✓</div>Conference Call</div> <div><div>✓</div>Follow Me</div> <div><div>✓</div>Call Back</div> <div><div>✓</div>DISA</div> <div><div>✓</div>Smart DID</div> <div><div>✓</div>Blacklist</div> <div><div>✓</div>Voicemail</div> <div><div>✓</div>Wakeup Call</div> <div><div>✓</div>PIN Code</div> <div><div>✓</div>Do Not Disturb</div> <div><div>✓</div>Switch Call</div> <div><div>✓</div>Time Conditions</div> <div><div>✓</div>Paging & Intercom</div> <div><div>✓</div>One Number Stations</div> <div><div>✓</div>Music On Ringback</div> <div><div>✓</div>Distinctive Ringtone</div> <div><div>✓</div>Auto Call Recording</div> <div><div>✓</div>One Touch Recording</div> <div><div>✓</div>Web Extensions (WebRTC)</div> | |
| Feature Highlights | <div><div>✓</div>Quick Installation Guide</div> <div><div>✓</div>Softphone APP Auto Provisioning (QR Code Scan)</div> <div><div>✓</div>IP Phone Auto Provisioning (PNP & Quick Register Code)</div> <div><div>✓</div>LDAP Phonebook Auto Configure (H81, H83)</div> <div><div>✓</div>EX16S Auto Provisioning</div> <div><div>✓</div>SIP Proxy (NAT Traversal)</div> <div><div>✓</div>Voicemail to Email</div> <div><div>✓</div>Fax to Email</div> <div><div>✓</div>Multilingual Web UI</div> <div><div>✓</div>Multilingual Voice Prompts</div> | |
| Multi-level User Administration | <div><div>✓</div>Admin user: All Privileges.</div> <div><div>✓</div>Operator user: Extensions, faxes, CDR, recordings, etc.</div> <div><div>✓</div>Extension user: WebRTC, recordings, voicemails, call logs, etc.</div> <div><div>✓</div>Billing user</div> <div><div>✓</div>Conference manager</div> | |
| Security | <div><div>✓</div>Firewall based on iptables</div> <div><div>✓</div>Intrusion auto detection and prevention</div> <div><div>✓</div>Geo-IP (Security policy based on IP address geographical locations)</div> <div><div>✓</div>IP Black/White List</div> <div><div>✓</div>Extension Permit IP</div> | |
| Network Features | <div><div>✓</div>Network (WAN): Static IP, DHCP, PPPoE</div> <div><div>✓</div>VPN: PPTP, OpenVPN, IPSec, L2TP (Server and Client)</div> <div><div>✓</div>Static Routing</div> <div><div>✓</div>DHCP (Server and Client)</div> <div><div>✓</div>DDNS (Dynamic Domain Name Server)</div> <div><div>✓</div>VLAN (WAN & LAN Interface)</div> <div><div>✓</div>Virtual IP</div> <div><div>✓</div>Local Domain Name Service</div> <div><div>✓</div>SIP Proxy (NAT Traversal)</div> | |

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