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.

Ϝ 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.

√ **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.

Ϝ 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	ü 500 Extensions	ü Unlimited IVR Levels
	ü 100 Simultaneous Calls	ü 200 SIP/IMS Trunks (Max)
	ü 100 Conference Attendees	ü 500000 CDR History
	ü 7500hrs Recording/Voicemail (Internal Storage)	ü 10000 Phonebook Contacts
	ü 1-31 EX16S Deployment (Recommended)	ü 50 Paging Members

Protocols & Codecs	ü SIP(RFC3261), IAX2
	ü DTMF(RFC4733, SIPINFO, In-Band)
	ü Transport Protocols: UDP, TCP, TLS, SRTP
	ü Network Protocols: IPv4, IPv6, VLAN, DHCP, PPPoE, NTP, SNTP, TFTP, SSH, HTTPS, LDAP
	ü Video Codecs: VP8, H.264, H.263+, H.263, H.261
	ü Audio Codecs: Opus, G.722, G.711(a, u), G.729, G.726, GSM, SPEEX, AMR, AMR-WB

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

Feature Highlights	ü Quick Installation Guide	ü SIP Proxy (NAT Traversal)
	ü Softphone APP Auto Provisioning (QR Code Scan)	ü Voicemail to Email
	ü IP Phone Auto Provisioning (PNP & Quick Register Code)	ü Fax to Email
	ü LDAP Phonebook Auto Configure (H81, H83)	ü Multilingual Web UI
	ü EX16S Auto Provisioning	ü Multilingual Voice Prompts

Multi-level User Administration	ü Admin user: All Privileges.	ü Billing user Operator
	ü user: Extensions, faxes, CDR, recordings, etc.	ü Conference manager
	ü Extension user: WebRTC, recordings, voicemails, call logs, etc.	

Security	ü Firewall based on iptables	ü IP Black/White List
	ü Intrusion auto detection and prevention	ü Extension Permit IP
	ü Geo-IP (Security policy based on IP address geographical locations)	

Network Features	ü Network (WAN): Static IP, DHCP, PPPoE	ü DDNS (Dynamic Domain Name Server)
	ü VPN: PPTP, OpenVPN, IPSec, L2TP (Server and Client)	ü VLAN (WAN & LAN Interface)
		ü Virtual IP
	ü Static Routing	ü Local Domain Name Service
	ü DHCP (Server and Client)	ü SIP Proxy (NAT Traversal)

ZYCOO