CooVox-U80

CooVox-U80 is a next-generation IPPBX system designed for medium to large enterprises. It is a truly powerful hardware platform and supports PSTN/GSM/WCDMA trunks, ISDN E1/T1 and BRI digital trunk lines. Through its innovative software features, CooVox-U80 allows for enterprise grade unified VoIP communications.

CooVox-U80 is suitable for enterprises requiring 100 to 200 extensions and a maximum of 60 concurrent calls. It's an affordable, scalable, interoperable, secure and reliable choice for you to build your own innovative VoIP solutions.

F Advantages

√ Quick Setup Wizard

Quick Setup Wizard allows speedy initial configuration of the U80 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 U80 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.

F Hardware Specifications

Items	Specifications
Telephony Interfaces	8xFXO/FXS/GSM/WCDMA, 2xE1/T1, 4xBRI Interfaces
CPU	2.41GHz Dual-core Intel Processor
RAM	2GB DDR3L
Storage	16GB EMMC
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 200 Extensions ü 60 Simultaneous Calls ü 60 Conference Attendees ü 150hrs Recording/Voicemail (Internal Storage) ü 1-12 EX16S Deployment (Recommended)	ü Unlimited IVR Levels ü 100 SIP/IMS Trunks (Max) ü 500000 CDR History ü 10000 Phonebook Contacts 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-law, u-law), 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 Extension (WebRTC)

Feature Highlights	ü Quick Installation Guide ü Softphone APP Auto Provisioning (QR Code Scan) ü IP Phone Auto Provisioning (PNP, Quick Register Code) ü LDAP Phonebook Auto Configure (H81, H83) ü EX16S Auto Provisioning	ü SIP Proxy (NAT Traversal) ü Voicemail to Email ü Fax to Email ü Multilingual Web UI ü Multilingual Voice Prompts
Multi-level User Administration	ü Admin user: All Privileges. ü user: Extensions, faxes, CDR, recordings, etc. ü Extension user: WebRTC, recordings, voicemails, call logs, etc.	ü Billing user Operator ü Conference manager
Security	ü Firewall based on iptables ü Intrusion auto detection and prevention ü Geo-IP (Security policy based on IP address geographical locations)	ü IP Black/White List ü Extension Permit IP
Network Features	ü Network (WAN): Static IP, DHCP, PPPoE ü VPN: PPTP, OpenVPN, IPSec, L2TP (Server and Client) ü Static Routing ü DHCP (Server and Client)	ü DDNS (Dynamic Domain Name Server) ü VLAN (WAN & LAN Interface) ü Virtual IP ü Local Domain Name Service ü SIP Proxy (NAT Traversal)

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