CooVox-U50

CooVox-U50 is an affordable, scalable, interoperable, secure and reliable solution and provides not only traditional PBX features such as Automated Attendant and Voicemail, but also many advanced features including Remote Extensions, Remote Office Connections, Conference Bridge, Call Recording, etc. It is an ideal choice for small and medium sized companies under 100 employees who wish to build their own innovative business phone system.

CooVox-U50 is designed to meet the telephony needs of a modern business and will greatly increase their efficiency and competitiveness.

☞ Advantages

✓ **Quick Setup Wizard**

Quick Setup Wizard allows speedy initial configuration of the U50 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.

✓ **Extension Web Portal (WebRTC Integrated)**

Thanks to the extension web portal, you can now Playback voicemail/recordings online, make/receive phone calls, click to dial, incoming call pop-up, send fax. All of this from within your web browser without installing any plugins.

✓ **Email Notifications**

SMTP templates allow for simple configuration of mail server. Fax to email, voicemail to email, send QR code via email, system events email notifications, etc.

✓ **EX16S Expansion Box Provisioning**

Combining CooVox series IPPBX with EX16S Gateways can result in deployment time savings of 90% when deploying large amounts of analog phones.

✓ **One Number Stations**

The same extension can now be registered on 5 different endpoints. This means that a desktop IP phone and mobile phone APP can share the same extension number so wherever you are, you'll never miss any important calls.

☞ Hardware Specifications

Items	Specifications
Telephony Interfaces	8xFXO/FXS/GSM/WCDMA Interfaces
CPU	1GHz ARMv7 Processor
SDRAM	1GB DDR3
Storage	16GB SD Card
USB (Extended Storage Supported)	1 (Supported File System: FAT16,FAT32,EXTFAT,NTFS,EXT3,EXT4)
Ethernet Interface	WAN, LAN (10/100Mbps)
Power	DC 12V, 2A
Dimension	345x160x35mm (Rack mount or Desktop based)

☞ Software Specifications

System Capacity	✓ 100 Extensions ✓ 30 Simultaneous Calls ✓ 30 Conference Attendees ✓ 150hrs Recording/Voicemail (Internal Storage) ✓ 6 EX16S Deployment (Recommended)
Protocols & Codecs	✓ SIP(RFC3261), IAX2 ✓ DTMF(RFC4733, SIPINFO, In-Band) ✓ Transport Protocols: UDP, TCP, TLS, SRTP ✓ 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
Telephony Features	✓ Call Queue ✓ IVR (Multi-layer) ✓ DISA ✓ Time Conditions ✓ Ring Group ✓ Caller ID ✓ Smart DID ✓ Paging & Intercom ✓ Call Forward ✓ Call Spy ✓ Blacklist ✓ One Number Stations ✓ Call Transfer ✓ Video Call ✓ Voicemail ✓ Music On Ringback ✓ Call Pickup ✓ 3-way Calling ✓ Wakeup Call ✓ Distinctive Ringtone ✓ Call Parking ✓ Conference Call ✓ PIN Code ✓ Auto Call Recording ✓ Call Waiting ✓ Follow Me ✓ Do Not Disturb ✓ One Touch Recording
Feature Highlights	✓ Quick Installation Guide ✓ Softphone APP Auto Provisioning (Scan QR Code) ✓ IP Phone Auto Provisioning (PNP, Quick Register Code) ✓ LDAP Phonebook Auto Configure (H81, H83) ✓ EX16S Expansion Box Auto Provisioning ✓ Voicemail to Email ✓ Fax to Email ✓ Virtual Fax ✓ Click to Dial (WebRTC) ✓ Call Pop-up (WebRTC)
Multi-level User Administration	✓ Admin user: All Privileges. ✓ Operator user: Manage extensions, general features, faxes, CDR, call recordings, etc. ✓ Extension user: WebRTC, extension recording, extension voicemail, extension call logs, etc.
Security	✓ Firewall based on iptables ✓ Geo-IP (Security policy based on IP address geographical location) ✓ Intrusion auto detection and prevention
Network Features	✓ Network Mode (WAN): Static IP, DHCP ✓ VPN: PPTP (Server and Client), OpenVPN (Server and Client) ✓ Static Routing ✓ DHCP (Server and Client) ✓ DDNS (Dynamic Domain Name Server)

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