# CooVox-U60

CooVox-U60 is a hybrid IPPBX system designed specifically by ZYCOO for the SMB market. It provides 24 analog ports that can accommodate up to 24 PSTN lines. In addition, it can host up to 12 EX16S expansion boxes to deploy up to 192 legacy phones. This makes the CooVox-U60 an ideal solution for customers who want to refresh their phone system using IPPBX, PSTN lines and their existing legacy phones.

The U60 combines all of the features available to a legacy PBX system with the added benefits you get from a fully featured enterprise class VoIP IPPBX solution.

## F Advantages

√ **Quick Setup Wizard**

Quick Setup Wizard allows speedy initial configuration of the U60 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.

√ **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 | 24xRJ11 Interfaces (FXO/FXS) |
| 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) |

# F Software Specifications

| System Capacity | ü 200 Extensions | ü Unlimited IVR Levels |
|---|---|---|
| | ü 60 Simultaneous Calls | ü 100 SIP/IMS Trunks (Max) |
| | ü 60 Conference Attendees | ü 500000 CDR History |
| | ü 150hrs Recording/Voicemail (Internal Storage) | ü 10000 Phonebook Contacts |
| | ü 1-12 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-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 Call Detailed Records (CDR) |

**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, call 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 location) | |

**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 Services |
| ü DHCP (Server and Client) | ü SIP Proxy (NAT Traversal) |

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