



## 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.

#### ✓ 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, 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	<ul style="list-style-type: none"> <li>✓ 500 Extensions</li> <li>✓ 100 Simultaneous Calls</li> <li>✓ 100 Conference Attendees</li> <li>✓ 7500hrs Recording/Voicemail (Internal Storage)</li> <li>✓ 31 EX16S Deployment (Recommended)</li> </ul>																												
Protocols & Codecs	<ul style="list-style-type: none"> <li>✓ SIP(RFC3261), IAX2</li> <li>✓ DTMF(RFC4733, SIPINFO, In-Band)</li> <li>✓ Transport Protocols: UDP, TCP, TLS, SRTP</li> <li>✓ Video Codecs: VP8, H.264, H.263+, H.263, H.261</li> <li>✓ Audio Codecs: Opus, G.722, G.711(a-law, u-law), G.729, G.726, GSM, SPEEX</li> </ul>																												
Telephony Features	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>✓ Call Queue</td> <td>✓ IVR (Multi-layer)</td> <td>✓ DISA</td> <td>✓ Time Conditions</td> </tr> <tr> <td>✓ Ring Group</td> <td>✓ Caller ID</td> <td>✓ Smart DID</td> <td>✓ Paging &amp; Intercom</td> </tr> <tr> <td>✓ Call Forward</td> <td>✓ Call Spy</td> <td>✓ Blacklist</td> <td>✓ One Number Stations</td> </tr> <tr> <td>✓ Call Transfer</td> <td>✓ Video Call</td> <td>✓ Voicemail</td> <td>✓ Music On Ringback</td> </tr> <tr> <td>✓ Call Pickup</td> <td>✓ 3-way Calling</td> <td>✓ Wakeup Call</td> <td>✓ Distinctive Ringtone</td> </tr> <tr> <td>✓ Call Parking</td> <td>✓ Conference Call</td> <td>✓ PIN Code</td> <td>✓ Auto Call Recording</td> </tr> <tr> <td>✓ Call Waiting</td> <td>✓ Follow Me</td> <td>✓ Do Not Disturb</td> <td>✓ One Touch Recording</td> </tr> </table>	✓ 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
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Multi-level User Administration	<ul style="list-style-type: none"> <li>✓ Admin user: All Privileges.</li> <li>✓ Operator user: Manage extensions, general features, faxes, CDR, call recordings, etc.</li> <li>✓ Extension user: WebRTC, extension recording, extension voicemail, extension call logs, etc.</li> </ul>																												
Security	<ul style="list-style-type: none"> <li>✓ Firewall based on iptables</li> <li>✓ Geo-IP (Security policy based on IP address geographical location)</li> <li>✓ Intrusion auto detection and prevention</li> </ul>																												
Network Features	<ul style="list-style-type: none"> <li>✓ Network Mode (WAN): Static IP, DHCP</li> <li>✓ VPN: PPTP (Server and Client), OpenVPN (Server and Client)</li> <li>✓ Static Routing</li> <li>✓ DHCP (Server and Client)</li> <li>✓ DDNS (Dynamic Domain Name Server)</li> </ul>																												

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