



CooVox-U20

CooVox-U20 is a stylish, compact yet full-featured mini IPPBX system designed for small and micro firms/SOHOs. It is suitable for companies under 30 employees and has all the necessary functionality to fulfill their daily telephony needs.

CooVox-U20 comes equipped with 2 analog ports and optionally a GSM interface, allowing companies the option to deliver inbound/outbound phone calls over PSTN/GSM/SIP Trunk/IMS. With the U20, it is possible to deploy up to 2 EX16S expansion boxes for up to 32 legacy phone deployment. This low-cost IPPBX packs a powerful punch, with a rich feature set that can rival the most expensive of Enterprise solutions in today's market place.



Advantages

✓ Quick Setup Wizard

Quick Setup Wizard allows speedy initial configuration of the U20 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	2xRJ11 Interfaces (FXO/FXS); 1xGSM (Optional)
CPU	1GHz ARMv7 Processor
SDRAM	512MB 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, 1A
Dimension	170x116x30 (Desktop based)

Software Specifications

System Capacity	<ul style="list-style-type: none"> ✓ 32 Extensions ✓ 15 Simultaneous Calls ✓ 15 Conference Attendees ✓ 150hrs Recording/Voicemail (Internal Storage) ✓ 2 EX16S Deployment (Recommended) 																												
Protocols & Codecs	<ul style="list-style-type: none"> ✓ 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	<table style="width: 100%; border: none;"> <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 & 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"> ✓ 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	<ul style="list-style-type: none"> ✓ Firewall based on iptables ✓ Geo-IP (Security policy based on IP address geographical location) ✓ Intrusion auto detection and prevention 																												
Network Features	<ul style="list-style-type: none"> ✓ 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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