



# CooVox-U80 IP Phone System

for Medium and Large Businesses



- No Feature Licensing Fees
- Crystal Clear Call Quality
- IP Phones Plug-and-Play
- User Friendly GUI
- Agile Feature Codes
- CTI Integration
- Intrusion Detection & Prevention

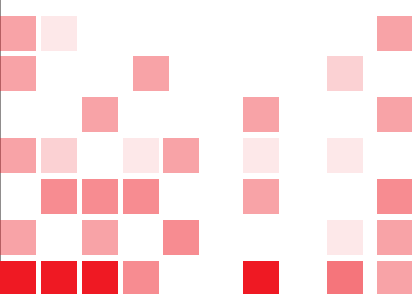
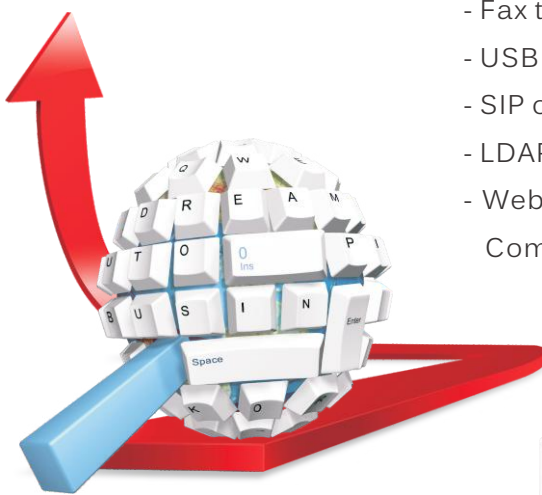
## Introduction

CooVox-U80 is a next-generation feature-rich IP PBX dedicated for medium and large enterprises. Enhanced hardware platform carries the newest powerful Asterisk 13 to bring you excellent unified communication experience with innovative VoIP functionalities.

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

## Highlights & Features

- Modular Design.
- Fax to email and one click to send fax.
- USB port for extended data storage.
- SIP over IPv6.
- LDAP phonebook.
- WebRTC enables your browsers and mobile applications with Real-Time Communications (RTC) capabilities.



# CooVox-U80

## System Specifications

### PBX Features

Up to 200 Extensions  
 Up to 60 Simultaneous Calls  
 Up to 40 Simultaneous Conference Attendees  
 Up to 36 Call Queues  
 Up to 36 Conference Rooms  
 Recording up to 150 hrs (WAV)  
 Recording up to 1500 hrs (GSM)  
 Automatic Recording/One Touch Recording  
 CDR (Call Detailed Recording)  
 Multi-layer IVR (Interactive Voice Response)  
 TDM/SIP/IAX Extensions/trunks  
 Flexible Inbound/Outbound Routing  
 Time-based Routing  
 Remote Extensions & Remote Offices  
 Paging & Intercom  
 Video Call  
 Call Forward/Transfer  
 Web Extension (WebRTC)  
 Follow Me  
 DND (Do Not Disturb)  
 Ring Groups  
 Pick-up Groups  
 DISA (Direct Inward System Access)  
 Virtual Fax  
 Voicemail to Email/Fax to Email  
 One Number Stations  
 Smart DID

Multi-language Interface:  
 English, Chinese, Arabic, Persian,  
 Portuguese, Italian, French, Spanish,  
 Russian, Turkish and Thai.

Multi-language System Voice Prompts:  
 English, English (Australia), Chinese,  
 French, French (Canada), Spanish,  
 Spanish (Mexico), Portuguese,  
 Portuguese (Brazil), Italian, Persian,  
 Arabic, Turkish, Thai, Russian, Polish,  
 Dutch, Korea, Hungary, Vietnamese,  
 Hebrew, Greek and Germany.

### Hardware

Intel Dual-core 2.41GHz CPU  
 2GB DDR3L RAM  
 16GB On board EMMC  
 HDMI (High-Definition Multimedia Interface)  
 Audio In/Out (Paging)  
 2x1000Mbps Ethernet Ports  
 USB 3.0 + USB 2.0 (Extended Storage)  
 2xModule Slots

### Telephony Signaling & Control

SIP (RFC3261)  
 SIP over UDP/TCP/TLS  
 IAX2  
 DTMF: RFC2833, SIP Info, In-band  
 SRTP  
 PRI, SS7, MFC/R2

### Network & Protocols

IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS,  
 SNMPv2, NTP, SNTP, TFTP, SSH, HTTPS,  
 SRTP, TLS, LDAP, TR069

### Media

Audio Codecs: G.722/G.711-Ulaw/G.711-Alaw/  
 G.726/G.729/GSM/SPEEX  
 Video Codecs: H.261/H.263/H.263+/H.264  
 Fax: T.38 (passthrough)

### Security

HTTPS, Fail2Ban, Permit IP, Whitelist, Blacklist  
 VPN Server (PPTP, L2TP, OpenVPN, IPSec)  
 VPN Client (N2N, PPTP, L2TP, OpenVPN, IPSec)

### Power

AC 100~240V, 50/60Hz, 1.5A max.

### Environment

Working Temperature: 0 ~ 40°C  
 Storage Temperature: -20 ~ 55°C  
 Humidity: 5 ~ 95% Non-condensing

### Size

Unit Dimension: 440x222x44mm  
 Package Dimension: 500 × 310 × 90mm  
 Unit Weight: 2.46kg  
 Package Weight: 4.3kg

## Supported Modules

