



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

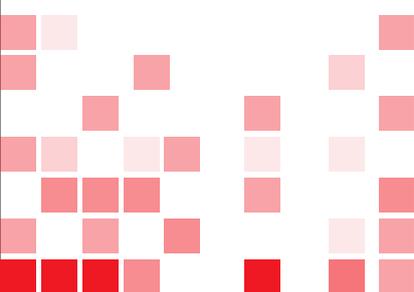
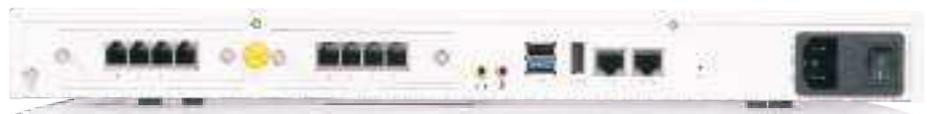
Introduction

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.



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

