CooVox-U80
IP Phone System
for Medium and Large Businesses

ZYCOO
WE FOCUS·WE DELIVER

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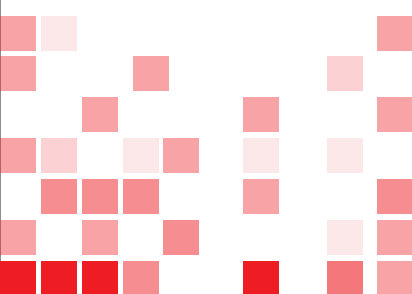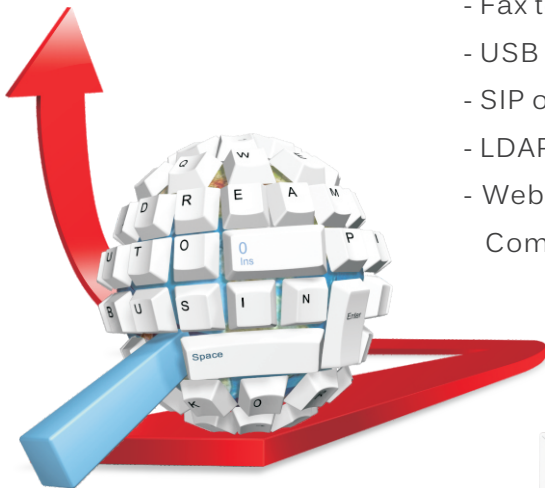- Intrusion Detection & Prevention

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

4FXO	4FXS	2FXOS
2GSM	4GSM	2WCDMA
4WCDMA	4BRI	1PRI