CooVox-U100
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

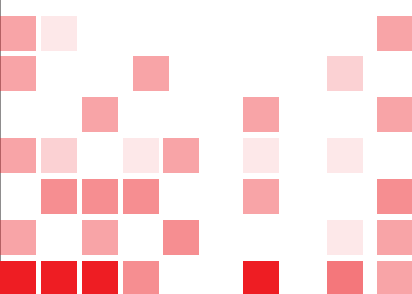Intrusion Detection & Prevention

Introduction

CooVox-U100 V2 is a next-generation feature-rich Asterisk PBX dedicated for medium and large enterprises. Enhanced hardware platform carries Asterisk 13 to bring you excellent unified communication experience with innovative VoIP functionalities.

CooVox-U100 V2 is a heavy loading but cost-effective IP phone system. It's ideal for those enterprises which have heavy telephone traffic as it supports up to 500 extensions, 100 simultaneous calls, 80 simultaneous conference attendees, up to 7500 hours call recording in WAV format and if in GSM format it can store up to 75000 hours recording.

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-U100 V2

System Specifications

PBX Features

Up to 500 Extensions

Up to 100 Simultaneous Calls

Up to 80 Simultaneous Conference Attendees

Up to 36 Call Queues

Up to 36 Conference Rooms

Recording up to 7500 hrs (WAV)

Recording up to 75000 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

4GB DDR3L RAM

16GB On board EMMC +

500GB Surveillance Hard Drive

HDMI (High-Definition Multimedia Interface)

Audio In/Out (Paging)

2x 1000Mbps Ethernet Ports

USB 3.0 + USB 2.0 (Extended Storage)

2x Module 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: 2.66kg

Package Weight: 4.5kg

Supported Modules

4FXO

4FXS

2FXOS

2GSM

4GSM

2WCDMA

4WCDMA

4BRI

1PRI