



CooVox-U100 IP Phone System

for Medium and Large Businesses



No License Fee

All Standard PBX Features

Many Advanced PBX Features

Desktop Call Management

Firewall

Intrusion Detection

Enhanced Security Policies

Support Program

Remote Backup Service

Disaster Recovery



The CooVox-U100 IP Phone System is an ideal solution for business with up to 500 extensions and up to 80 concurrent calls. Adopting the innovative modular design, it is very convenient to increase telephony ports to expand the system. CooVox-U100 supports industry standard SIP trunks, analog PSTN trunks (FXO Module), analog stations (FXS Module), mobile GSM trunks (GSM Module), as well as digital trunks (PRI/BRI Module).

CooVox-U100 is a next-generation Hybrid IP PBX System designed and optimized for today's business telecommunication needs. CooVox-U100 is an affordable, scalable, interoperable, secure and reliable solution which provides not only traditional PBX features such as Automated Attendant and Voicemail, but also many advanced features including Remote Extensions, Remote Office Connection, Conference Bridge, Call Recording, Call Detail Records (CDR), Automatic Call Distribution (ACD), Unified Messaging (Voicemail to Email), and many more features.

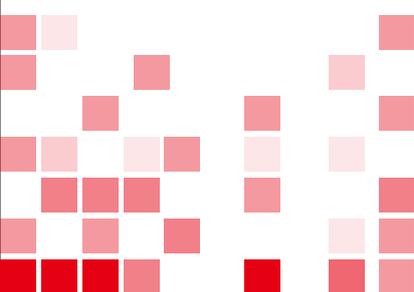
Highlights & Features

- HD Voice Codec G.722 for perfect voice quality
- Fax to Email/Email to Fax
- Voicemail to Email
- Console Port for easy management
- USB Port for expanded storage or 3G network connectivity
- Hardware Echo Cancellation module for great and smooth communication

Telephony Configuration

Module	Slot	Slot 1	Slot 2
4FXS		✔	✔
4FXO		✔	✔
2FXOS		✔	✔
2GSM		✔	✔
4GSM		✔	✔
1PRI		✔	✔
4BRI		✔	✘
4BRI		✘	✔

BRI is not available on both slots simultaneously



System Specifications

Call Features

Call Back
 Call Forward
 Call Group
 Call Hold
 Call Paging and Intercom
 Call Park
 Call Pickup
 Call Queue
 Call Recording
 Call Routing
 Blind Transfer
 Attended Transfer
 Call Waiting
 Caller ID
 Dial by Name
 Music On Hold/Transfer
 3-Way Conference
 Video Call

PBX Features

Black List
 BLF (Busy Lamp Field)
 CDR (Call Detailed Record)
 Conference Room (3 Rooms)
 Call Monitoring
 DID (Direct Inward Dialing Number)
 DISA (Direct Inward System Access)
 Distinctive Ringtone
 DND (Do Not Disturb)
 DNIS (Dialed Number Identification Service)
 Feature Codes
 FOP (Flash Operation Panel)
 Follow Me
 IVR (Interactive Voice Responses)
 Mobility Extension
 Multi-Language Prompts
 Multi-Language GUI
 One Touch Recording
 Phone Book
 Phone Provisioning
 Pin Set
 Record File Download
 Ringgroup
 SIP Register with UDP/TCP/TLS
 SIP Trunk
 Skype for SIP
 Smart DID
 Speed Dial
 Spy
 SRTP (Secure Realtime Transport Protocol)
 T.38 Fax (Pass-through)
 Time Based Rule
 Virtual Fax
 Voicemail & Voicemail to Email

System Capacities

80 Concurrent Calls
 Up to 500 IP Phone Registers/Extensions
 Recording: 2,500,000 mins (.gsm);
 270,000 mins (.wav)
 Voicemail: 2,500,000 mins (.gsm);
 270,000 mins (.wav)

Codecs & Protocols

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
 Protocols: SIP (RFC3261)/IAX2
 DTMF: RFC2833/SIP INFO/In-Band

Network Features

DDNS Client
 DHCP Server
 IPv4/IPv6/IEEE802.1Q
 IP Assignment (PPPoE/DHCP/Static)
 SNMP v1/v2
 TR069
 Static Route Table
 Trouble Shooting (Ping/Traceroute)
 VPN Client (N2N/L2TP/PPTP/OpenVPN)
 VPN Server (PPTP/L2TP/OpenVPN, Up to 10 Users)

Security Features

Refuse SIP Register DoS
 Refuse Abort Invite DoS
 Refuse SSH Login DoS
 Firewall

Logs

PBX Log
 Web Access Log
 PBX Debug Log

Hardware Interfaces

1 Power Interface
 1 Power Switch
 2 Ethernet Interfaces (10/100/1000Mbps)
 1 VGA Interface
 2 Audio Interfaces
 2 USB Interfaces
 2 Hardware Echo Cancellation Interfaces (Onboard)
 1 UMTS Interface for 3G Data (Onboard)
 2 Slots for ZYCOO Standard Modules

Hardware Specifications

CPU: DualCore 1.86 GHz ATOM
 SDRAM: DDR3 2GB
 Storage: 500GB HDD or 32GB SSD
 Power Supply: AC 100~240V, 50/60Hz, 1.5A max.

Environment

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

Packings

Dimension: 500 × 310 × 90mm
 Weight/Unit: 4.8kg



*PSTN is not perfectly supported temporarily in UK