



# 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**

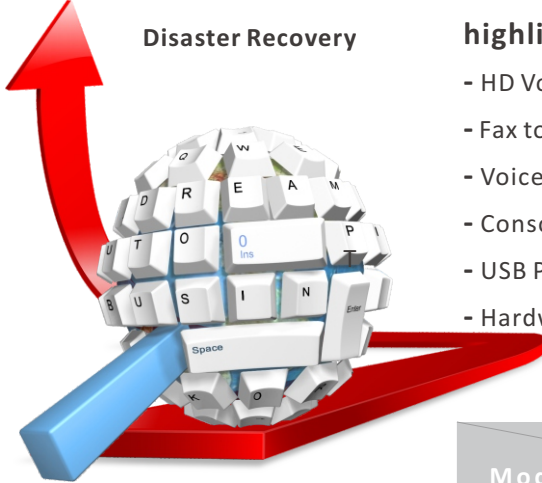
**Intrusion Detection**

**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).

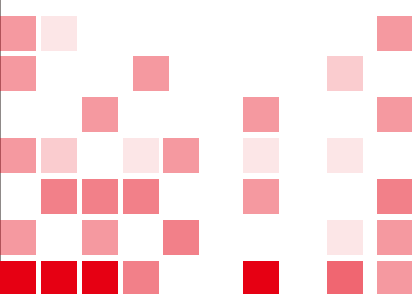
CooVox-U100 is a next-generation Hybrid IP PBX System designed and optimized for today's business telecommunication needs. CooVox-U100 is an affordable, scalable, interoperable, secure and reliable solution which provides not only traditional PBX features such as Automated Attendant and Voicemail, but 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		✘	✔



## 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) Status Monitoring  
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 Interfaces for Optional  
Hardware Echo Cancellation Module  
1 Interface for Optional UMTS Module  
2 Slots for ZYCOO Standard Modules

### Hardware Specifications

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

### Environment

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

### Packings

Dimension: 500 × 310 × 90mm  
Weight/Unit: 4.5kg



\*PSTN is not perfectly supported temporarily in UK