



# CooVox-U100 IP Phone System

for Small and Medium Business



**No License Fee**

**All Standard PBX Features**

**Many Advanced PBX Features**

**Desktop Call Management**

**Increased Security**

**Enhanced Security Policies**

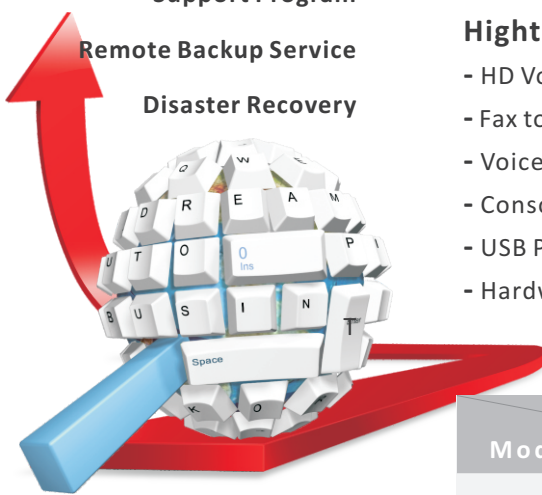
**Firewall**

**Intrusion Detection**

**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 as well as analog PSTN trunks (FXO Module), mobile GSM trunks (GSM Module), analog stations (FXS 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 not only provides traditional PBX functions 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 slot 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 Call Legs  
 Up to 500 IP Phone Registers/Extensions  
 Recording: (.gsm/default) 2,500,000 mins (HDD)  
 or 200,000 (SSD);  
 .wav 3,000 mins (HDD) or 20,000 (SSD)  
 Voicemail: (.gsm/default) 2,500,000 mins (HDD)  
 or 200,000 (SSD);  
 .wav 3,000 mins (HDD) or 20,000 (SSD)

### 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

