



CooVox-U50 IP Phone System

for Small and Medium Businesses



No User License Fee

All Standard PBX Features

Many Advanced PBX Features

Desktop Call Management

Firewall

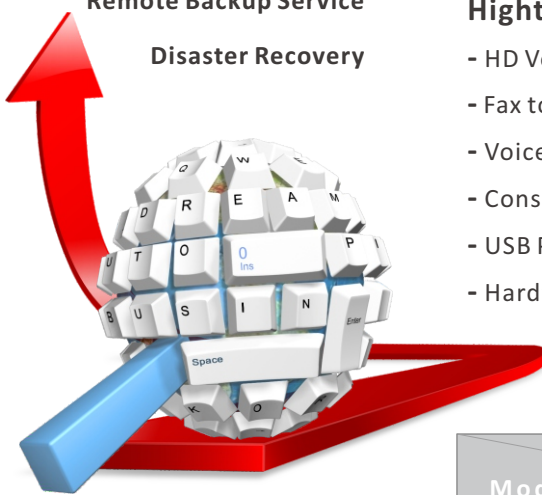
Intrusion Detection

Enhanced Security Policies

Support Program

Remote Backup Service

Disaster Recovery



The CooVox-U50 IP Phone System is an ideal solution for small and medium business with up to 100 extensions. Adopting the innovative modular design, it is very convenient to increase telephony ports to expand the system. CooVox-U50 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-U50 is a next-generation Hybrid IP PBX System designed and optimized for today's business telecommunication needs. CooVox-U50 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		✓	✗

Slot 2 is for Analog/GSM Modules only

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 Calls

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

20 Concurrent Calls
 Up to 100 IP Phone Registers/Extensions
 Recording: 21,000 mins (.gsm); 3,000 mins (.wav)
 Voicemail: 21,000 mins (.gsm); 3,000 mins (.wav)

Codex & Protocols

Audio Codex: G.722/G.711-Ulaw/G.711-Alaw/
 G.726/G.729/GSM/SPEEX
 Video Codex: 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 Reset Button
 1 Power Interface
 1 Ethernet Interface
 1 Console Interface
 1 USB Interface
 1 Interface for Optional
 Hardware Echo Cancellation Module
 1 Interface for Optional UMTS Module
 Slot 1 for ZYCOO Analog/GSM/PRI/BRI Module
 Slot 2 for ZYCOO Analog/GSM Module

Hardware Specifications

Processor: DualCore 500MHz DSP
 SDRAM: DDR2 256MB
 Storage: 4GB SD Card
 Power Supply: Input AC 100~240V, 50/60Hz;
 Output DC 12V/2A

Environment

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

Packings

Dimension: 410 × 220 × 85mm
 Weight/Unit: 2.2kg
 Unit/Carton: 6 Units
 Weight/Carton: 13.5kg

