CooVox-U100
IP Phone System
for Medium and Large Businesses

ZYCOO
WE FOCUS · WE DELIVER

No License Fee

All Standard PBX Features

Many Advanced PBX Features
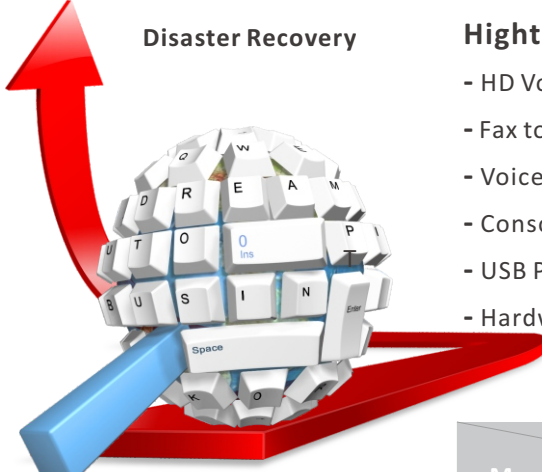
Desktop Call Management

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 featuress 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.

Hightlights & 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	✘	✔

BRI is available on Slot 2 only

CooVox-U100

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 ~ 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