



CooVox-U20 IP Phone System

for Small and Medium Business



First Mini Mobile PBX

No User License Fee

All Standard PBX features

Many Advanced PBX features

Smart Phone Integration

Increased Security

Enhanced Security Policies

Firewall

Intrusion Detection



CooVox-U20 IP Phone System is the second generation of Mini IP Phone System launched by ZYCOO, meanwhile it's the first Mobile IP Phone System with the ability to use the GSM or UMTS (3G) module to connect to the mobile network for data transport.

CooVox-U20 is a next-generation smart IP PBX System designed and optimized for today's business telecommunication needs. CooVox-U20 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

- 30 IP Phone Registers/Extensions & up to 10 Concurrent Call Legs for cost-effective communication
- Fax to Email/Email to Fax
- Voicemail to Email
- Paging and Intercom function strengthens the working efficiency
- Monitor and Whisper
- HD Voice Codec G.722 for perfect voice quality
- Strong security features protect your system from hacking

Telephony Configuration

Model	FXO	FXS
CooVox-U20-A202	2	0
CooVox-U20-A211	1	1

GSM or UMTS (3G) is optional for configuration

System Specifications

Call Features

Call Back
Call Forward
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

10 Concurrent Call Legs
Up to 30 IP Phone Registers/Extensions
Recording: (.gsm/default) 21,000 mins;
.wav 3,000 mins
Voicemail: (.gsm/default) 21,000 mins;
.wav 3,000 mins

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)
PoE (Power over Ethernet)
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
2 Analog Ports (FXO/FXS)
1 GSM/UMTS Interface (Onboard)

Hardware Specifications

Processor: DualCore 500Mhz DSP
SDRAM: DDR2 128MB
Storage: 4GB SD Card
Power Supply: Input AC 100~240V, 50/60Hz;
Output DC 12V/1A

Environment

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

Packings

Dimension: 295 × 155 × 65mm
Weight/Unit: 0.8kg
Unit /Carton: 10 Units
Weight/Carton: 9kg

