



# CooVox-U20 IP Phone System

for Small and Medium Businesses



First Mini Mobile PBX

No User License Fee

All Standard PBX features

Many Advanced PBX features

Smart Phone Integration

Firewall

Intrusion Detection

Enhanced Security Policies

The 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 transfer.

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 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

- 30 IP Phone Registers/Extensions & up to 10 Concurrent Calls 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 Calls  
Up to 30 IP Phone Registers/Extensions  
Recording: 21,000 mins (.gsm); 3,000 mins (.wav)  
Voicemail: 21,000 mins (.gsm); 3,000 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)  
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 ~ 40°C  
Storage Temperature: -20 ~ 55°C  
Humidity: 5 ~ 95% Non-condensing

### Packings

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



\*PSTN is not perfectly supported temporarily in UK

