CooVox-U20
IP Phone System

for Small and Medium Businesses

ZYCOO
WE FOCUS·WE DELIVER

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 module to connect to the mobile network for mobile telephony.

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, Conference Bridge, Call Recording, Call Detail Records (CDR), Automatic Call Distribution (ACD), Web Dial, Unified Messaging (Voicemail to Email), and many more features.
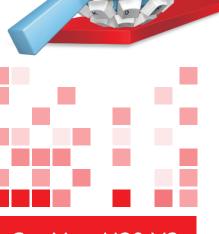
Highlights & Features

- Fax to Email
- WebRTC/ Web Dial
- 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 is optional

CooVox-U20 V2

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
Attendant Transfer
Call Waiting
One Number Stations
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 (20 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(LDAP Server)
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
WebRTC
Voicemail & Voicemail to Email

System Capacities
Up to 15 Concurrent Calls
Up to 20 Conferences
Up to 30 IP Phone Registers/Extensions
Recording: 36,000 mins (.gsm); 4,000 mins (.wav)
Voicemail: 36,000 mins (.gsm); 4,000 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/IPSec)
VPN Server (PPTP/L2TP/OpenVPN/IPSec)

Security Features
Refuse SIP Register DoS
Refuse Abort Invite DoS
Refuse SSH Login DoS

Logs
PBX Log
Web Access Log
PBX Debug Log

Hardware Interfaces
1 Reset Button
1 Power Interface
2 Ethernet Interfaces(WAN/LAN)
2 Analog Ports (FXO/FXS)
1 USB 2.0 Interface for Storage
1 Console Port

Hardware Specifications
Processor: DualCore A7(1GHz)
SDRAM: DDR3 512MB
Storage: 8GB SD Card(Industry Standard)
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