

CooVox-U20 IP Phone System

for Small and Medium Businesses



First Mini Mobile PBX

NO USER LICENSE FEES

All standard PBX features

Many Advanced PBX features

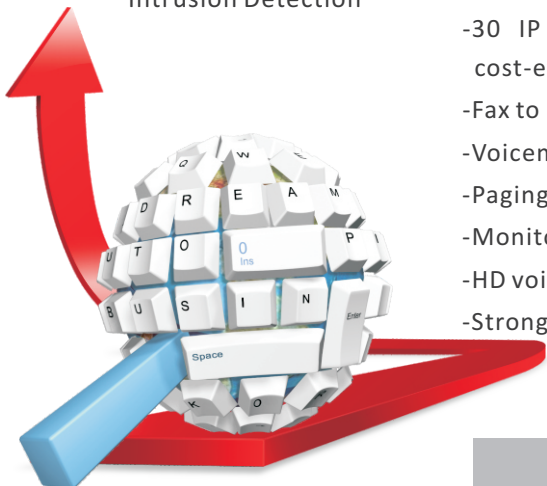
Smart phone integration

INCREASED SECURITY

Enhanced Security policies

Firewall

Intrusion Detection



CooVox-U20 IP Phone system is the second generation of Mini IP Phone system released from 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 (voice mail to email), and many more features.

Benefits & Features:

- 30 IP Phone registrations/Extensions and around 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
 Attend Transfer
 Call Waiting
 Caller ID
 Dial by Name
 Music on Hold / Transfer
 Three-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
 DNIS
 Feature Codes
 Flash Operation Panel
 Follow Me
 IP Phone Provisioning
 IVR (Interactive Voice Responses)
 Mobility Extension
 Multi-Language Prompt
 Multi-Language GUI
 One Touch Record
 Phone Book
 Phone Provisioning
 Pin Sets
 Record Files Download
 Ringgroup
 SIP Register with UDP/TCP/TLS
 SIP Trunk
 Skype for SIP
 Smart DID
 Speed Dial
 Spy
 S RTP
 System Log
 T.38 FAX(Pass-through)
 Time based rule
 Virtual FAX
 Voicemail & Voicemail to Email

System Capacity

10 Concurrent Call Legs
 Up to 30 IP Phone Registers/Extensions
 Recording(GSM/ default): 21,000 mins;
 Wav: 3000 mins
 Voicemail(GSM/ default): 21,000 mins
 Wav: 3000 mins

Codec & Protocol

Audio Codec: G.722/ G.711-Ulaw/ G.711-
 Alaw/ G.726/ G.729/ GSM/ SPEEX
 Video Codec: H.261/ H.263 / H.263+ / H.264
 Protocol: SIP (RFC3261) , IAX2
 DTMF: RFC2833, SIP INFO, In-band

Network Features

DDNS Client
 DHCP Server
 IEEE802.1Q of VLAN
 IP Assignment (PPPoE / DHCP / Static)
 IPv4 / IPv6
 SNMP v1/v2
 Static Route Table by manually
 Trouble Shooting (Ping, Traceroute)
 VPN Client
 (Support N2N / L2TP/PPTP/OPENVPN)
 VPN Server(PPTP/L2TP/OPENVPN Server 10)

Security Features

Refuse SIP Register DoS
 Refuse Abort Invite Dos
 Refuse SSH Login DoS
 FireWall
 S RTP

Log

SSH Log
 System Log
 Web Access Log
 Asterisk Debug Log
 Phone Register Log

Hardware Interface

1 Reset Button
 1 Power Interface
 1 Ethernet Interface
 2 Analog Ports (FXO/FXS)
 1 GSM Antenna Interface
 1 UMTS Interface for 3G Data (onboard)
 LED indication

Hardware Specifications

CPU: DualCore 500Mhz DSP
 SDRAM: 128MB DDR2
 Storage: 4GB (Default SD Card)
 Power Supply:
 Input: 100 ~ 240 Vac
 Output: DC 12V 1.0 A

Environment

Working Temperature -10 °C -45 °C
 Storage Temperature: -30 °C -65 °C
 Humidity: 10-80% No Dew

Packaging

Dimension:155 × 295 × 65 mm
 Weight: 0.8kg

