CooVox-U20
IP Phone System
for Small and Medium Businesses

ZYCOO

WE FOCUS· WE DELIVER

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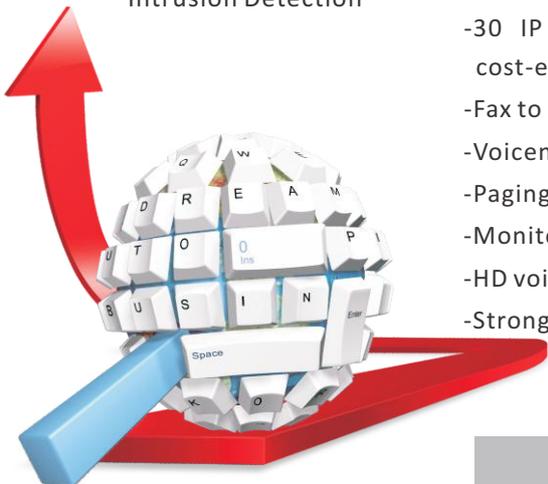
CooVox-U20 IP Phone system is the second generation of Mini IP Phone system released from ZYCOO, meanwhile it's the first Mobile IP Phone system with the ability to use the GSM or UMTS (3G) module to connect to the mobile network for data transport.

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.

CooVox-U20

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
SRTP
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
SRTP

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