CooVox U20-2BRI
IP Phone System
for Small Business ISDN BRI Subscribers

ZYCOO
WE FOCUS·WE DELIVER

No Feature Licensing Fees

Crystal Clear Call Quality

IP Phones Plug-and-Play
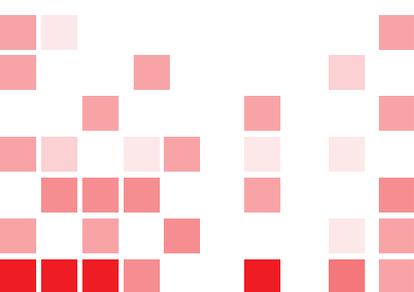
User Friendly GUI

Agile Feature Codes

CTI Integration

Intrusion Detection & Prevention

CooVox U20V2-2BRI is a new member of the CooVox-V2 series family. It is a compact, reliable and standalone ISDN BRI IP phone system with full VoIP telephony features built in. It is a small yet advanced on-premise ISDN BRI IPPBX built for small business ISDN line subscribers who are looking to integrate IP phones, VoIP trunks and ISDN BRI connectivity with advanced telephony features. It has 2 BRI ports that are all software configurable to TE or NT mode, you can either use TE mode to connect your BRI lines from telco or use NT mode to connect another BRI PBX system.

Telephony Feature Highlights

➢ Virtual fax over ISDN BRI

➢ Auto call record and one touch recording

➢ Voicemail to Email

➢ Paging and Intercom over IP phones

➢ HD Voice Codec G.722 for perfect voice quality

➢ USB port for extended data storage

➢ SIP over IPv6

➢ LDAP phonebook

➢ Speed dial

➢ WebRTC enables your browsers and mobile applications with Real-Time Communications (RTC) capabilities.

CooVox U20-2BRI

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
Diagnostics (Ping/Traceroute/TCPDUMP)
VPN Client (N2N/L2TP/PPTP/OpenVPN/IPSec)
VPN Server (PPTP/L2TP/OpenVPN/IPSec)

Security Features
Fail2Ban
Intrusion Detection & Prevention
IP Balcklist & Whitelist

Logs
CDR (Call Detailed Records)
Web/SSH Access Logs
PBX Debug Logs

Hardware Interfaces
1 Reset Button
1 Power Interface
2 Ethernet Interfaces(WAN/LAN)
2 ISDN BRI Ports
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