Safety and Reliability

UC series is a risk-free solution with built-in Uninterruptible Power Supply (UPS) that keeps your system and data away from damage or lost caused by unexpected power failure. With high quality Galvanized steel sheet enclosure and fanless design, the UC series IPPBX UC series have the advantage of dust prevention, quiet and excellent heat dissipation, which enable the machines can be operated in harsh conditions.

OpenVox UC501 PBX

Overview

The UC Series IPPBX comes with an asterisk-based system, the OpenVox IPPBX software, offering not only full PBX functionality, but also a new feature that enables new stability for your unified communication systems with built-in Uninterruptible Power Supply (UPS).

It can seamlessly integrate VoIP trunks and your existing PSTN lines with maximum 8 port analog connections and 2 Ethernet ports. They are developed with a wide selection of codecs and signaling protocols, including G711 (alaw/ulaw), G722, OPUS, AMR-NB/WB, SILK, G723.1 G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264, VP8. Taking full advantages of open source platform, the UC Series appliances support industry standard SIP trunks, IAX2 trunks, analog PSTN trunks, and analog station trunks.

Moreover, with OpenVox up-to-date IPPBX system software, the fully-featured UC Series IPPBX is an ideal solution for the SMBs and small enterprises.

Incredible Performance and Features

With Quad Core processors, the UC series IPPBX can easily handle 300 concurrent calls and up to 1000 extension registers in such a tiny box.

To bring you clear, high fidelity and high definition audio/video calls, UC Series is built in with abundant HD voice codecs such as OPUS, AMR-NB/WB, G.722, SILK and VP8.

Features

- Support SIP & IAX2
- HD Video Calls
- Echo Canceller
- Extension User Privileges
- Event Notification
- Support Backup/Restore
- Remote Management
- Hot Standby
- Support Fail2ban
- Secure SIP calling (TLS encryption)
- Follow-Me/Ring Group/Queue
- Quickly Auto Provision IP Phones
- Support IMS
- Flexible Inbound/Outbound Route
- Blacklist
- AutoCLIP
- Time Condition
- PIN List
- Automated Attendant (IVR)
- Phonebook
- LDAP Service
- Wakeup Service

- DISA (Direct Inward System Access)
- Conference
- Call Back
- Speed Dial
- Call Recording
- Music On Hold
- Support Multiple VPN protocols: OpenVPN, L2TP, N2N, SSTP
- Support Open API Protocol (based on Asterisk)
- Click2call
- Support WebRTC
- AI TTS
- SIP Instant Messaging
- Call Detail Records (CDR)
- Billing Report
- Voicemail
- Missed Calls Notification
- Email Server
- Antispam support
- Support Mail Relay
- Fax to Email

Specifications

UC501	
Users	Unlimited
Max Concurrent Calls	300 Concurrent Calls with G.711 Codec; 100 Concurrent Calls with G.729 Codec
FXS Ports	Up to 8
FXO Ports	Up to 8
Protocol	SIP (RFC3261), IAX2
Transport Protocol	UDP, TCP, TLS, SRTP
Codec	G711 a/µ law, G722, OPUS, AMR-NB/WB, SILK, G723.1 G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264, VP8
DTMF	In-band, RFC2833, SIP INFO
LAN	1* 10/100M
WAN	1* 10/100M
UPS	Optional, removable
IP Services	Static IP, DHCP, VPN, Firewall, PPPoE, Bridge
Recording	86,000 mins (.gsm); 9,500 mins (.wav)
Firewall	Yes
T.38 Fax	Yes
External Storage	SD Card, up to 128G
USB	1
MIC Interface	1
SPK Interface	1
Power Consumption	12V/1.3A,16W Max
Operating Temperature	0°C to 50 °C
Storage Temperature	-20 °C ~ 65 °C
Dimension	250mm*147mm*44mm
Net Weight	858g
Warranty	2 Years (UPS Battery 1 Year)