



OpenVox UC-Series 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 800 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.

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 aluminum enclosure and fanless design, the UC series IPPBX can be operated in harsh industrial environments with ease.

Features

- G711 (alaw/ulaw), G722, OPUS, AMR-NB/WB, SILK, G723.1 G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264, VP8
- Support analog interfaces such as FXS/FXO (PSTN/POTS)
- SIP and IAX2 support
- Support Multiple VPN protocols including OpenVPN, L2TP, softetherVPN
- Support HD voice codecs such as OPUS, AMR-NB/WB, G.722, SILK
- Support Fail2ban
- Incoming and outgoing routes with dial pattern matching
- Support paging and intercom
- Web-based operator panel
- DISA (Direct Inward System Access)
- Call detail record (CDR) report
- Billing and consumption report
- Distributed Dial Plan with dundi
- Call recording
- Voicemail
- Conference
- Echo canceller
- Call parking
- Callback support
- Call queues
- Support PIN sets, time conditions
- Mail server with multi-domain support
- Based in Postfix for high email volume
- Remote SMTP Module
- Web based email client
- Support quotas
- Antispam support
- Support mail relay
- Email list management
- Fax to email application
- Fax visor with downloaded PDFs
- Can be integrated with Winprint Hylafax
- Fax send through Web Interface
- Fax to email customization
- Access control for fax client
- Backup Restore Validation
- Network configurator
- Heartbeat Module
- Configurable server date, time and timezone
- Backup/restore support via Web
- Server shutdown from web
- DHCP server for dynamic IP
- Access control to the interface based on ACLs
- VoIP provider configuration
- Support follow-me, ring group, video-phones
- Channel usage report
- Flexible and configurable IVR

Specifications

| | UC300 | | | | | | UC500 | | |
|-----------------------|--|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|
| | UC300-A11EM1 | UC300-A02EM1 | UC300-A14EM1 | UC300-A11EM2 | UC300-A02EM2 | UC300-A14EM2 | UC500-A22EM2 | UC500-A44EM2 | UC500-A08EM2 |
| Users | Unlimited | | | | | | | | |
| Max Concurrent Calls | 300 Concurrent Calls with G.711 Codec; 100 Concurrent Calls with G.729 Codec | | | | | | | | |
| FXS Ports | 1 | - | 1 | 1 | - | 1 | 2 | 4 | - |
| FXO Ports | 1 | 2 | 4 | 1 | 2 | 4 | 2 | 4 | 8 |
| Protocol | SIP (RFC3261), IAX2 | | | | | | | | |
| Transport Protocol | UDP, TCP, TLS, SRTP | | | | | | | | |
| Codec | G711 (alaw/ulaw), 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 | - | | | Yes | | | | | |
| 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/2.33A, 16W Max | | | | | | | | |
| Operating Temperature | 0°C to 50 °C | | | | | | | | |
| Storage Temperature | -20 °C ~ 65 °C | | | | | | | | |
| Dimension | 130mm*130mm*40mm | | | | | | 165mm*165mm*40mm | | |
| Net Weight | 530g | 530g | 680g | 530g | 530g | 680g | 824g | 838g | 838g |
| Warranty | 2 Years (UPS Battery 1 Year) | | | | | | | | |