The AlienVoIP A420 Phone System is an ideal solution for small and medium business with up to 100 extensions. Adopting the innovative modular design, it is very convenient to increase telephony ports to expand the system. CooVox-U50 supports industry standard SIP trunks, analog PSTN trunks (FXO Module), analog stations (FXS Module), and mobile GSM/WCDMA trunks (GSM/WCDMA Module).

AlienVoIP A420 is a next-generation Hybrid IP PBX System designed and optimized for today’s business telecommunication needs. AlienVoIP A420 is an affordable, scalable, interoperable, secure and reliable solution which provides not only traditional PBX features 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 (Voicemail to Email), Web Dial and many more features.

Highlights & Features
- Fax to Email
- WebRTC/ Web Dial
- Voicemail to Email
- Console Port for easy management
- Stronger Security to Protect System

Telephony Configuration

<table>
<thead>
<tr>
<th>Module</th>
<th>Slot 1</th>
<th>Slot 2</th>
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<tbody>
<tr>
<td>4FXO</td>
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</table>
System Specifications

Call Features
- Call Back
- Call Forward
- Call Group
- Call Hold
- Call Paging and Intercom
- Call Park
- Call Pickup
- Call Queue
- Call Recording
- Call Routing
- Blind Transfer
- Attendant Transfer
- Call Waiting
- Caller ID
- Dial by Name
- Music On Hold/Transfer
- 3-Way Conference
- Video Calls

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)
- DNS (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
- 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
- Fax to Email
- WebRTC / Web Dial
- Voicemail & Voicemail to Email

System Capabilities
- 30 Concurrent Calls
- Up to 100 IP Phone Registers/Extensions
- Recording: 36,000 mins (gsm); 4,000 mins (wav)
- Voicemail: 36,000 mins (gsm); 4,000 mins (wav)

Codec & Protocols
- Video Codecs: H.261/H.263/H.263+/H.264
- Protocols: SIP (RFC3261)/MX2
- 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 Table
- Trouble Shooting (Ping/Traceroute)
- VPN Client (L2TP/PPTP/OpenVPN/VPN/N2N/IPSec)
- VPN Server (L2TP/PPTP/OpenVPN/IPSec)

Security Features
- Refuse SIP Register DoS
- Refuse Abort Invite DoS
- Refuse SSH Login DoS
- Firewall

Logs
- PBX Log
- Web Access Log
- PBX Debug Log

Hardware Interfaces
- 1 Reset Button
- 1 Power Interface
- 2 Ethernet Interfaces
- 1 Console Interface
- 1 USB Interface
- Slot 1/2 for Analog/GSM/WCDMA Module

Hardware Specifications
- Processor: Dualcore A7 1Ghz
- SDRAM: DDR3 1GB
- Storage: 8GB SD Card
- Power Supply: Input AC 100~240V, 50/60Hz; Output DC 12V/2A

Environment
- Working Temperature: 0~40°C
- Storage Temperature: -20~55°C
- Humidity: 5~95% Non-condensing

Packings
- Dimension: 280 x 150 x 65mm
- Weight/Unit: 0.8kg
- Unit/Carton: 10 Units
- Weight/Carton: 10kg

*PSTN is not perfectly supported temporarily in UK