

5=C100 IP-PBX

AIO100 is a multi-functional sip based ip pbx, which integrates voice service and data service. AIO00-20 provides 2 FXO interfaces, offering seamless connectivity to VoIP Network and PSTN. It supports WiFi and has high-speed data-handling capacity, allowing users to enjoy high-speed internet surfing through WiFi or the LAN port.

Product Pictures



AIO100-20
Front View



AIO100-20
Rear View

Key Features

- Dual FXO interface on a single device/gateway
- Send/receive calls from PSTN via FXO.
- Flexible dial plan, via time, numbers, source IP etc.
- IVR customization
- High speed NAT forwarding, support Wi-Fi hotspot.
- Built-in SIP server, support up to 32 SIP Extensions
- User-friendly web interface, multiple management ways

Physical Interfaces

- FXO Port: 2
- Ethernet Interface: 1 WAN & 3 LAN
10/100 Base-T RJ45
- WiFi: 2.4GHz 802.11bgn

FXO

- Connector: RJ11
- Caller ID: FSK, DTMF
- Polarity Reversal
- Answer Delay
- Busy Tone Detection
- No Current Detection

Voice Capabilities

- VoIP Protocols: SIP over
UDP/TCP/TLS,SDP,RTP/SRTP
- Codecs: G.711a/μ law,G.723.1,
G.729A/B, iLBC,G.726
- Silence Suppression
- Comfort Noise Generator(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation: G.168 with up to
128ms
- Dynamic Jitter Buffer
- Adjustable Gain Control
- Automatic Gain Control (AGC)
- Call Progress Tones: Dial Tone, Ring
Back Tone, Busy Tone
- FAX: T.38 and Pass-through
- NAT: STUN/UPnP
- DTMF: RFC2833/Signal/Inband

Innovation

Supplementary Services

- Call Forward (Unconditional/No Answer/Busy)
- Call Waiting
- Call Hold
- Call Transfer
- Hotline
- Do-not-disturb
- 3 Way Conference

Software Features

- Ring Group
- Routing Groups
- Caller/Called Number Manipulation
- Routing Base on Time Period
- Routing Base on Caller/Called Prefixes
- Routing Base on Source Trunks
- Dial Rules
- Failover Routing
- FXO Impedance Auto Match
- IVR Customization
- Auto Attendant Function
- CDRs

Maintenance

- Web GUI Configuration
- Telnet Management
- Configuration Restore/Backup
- Multiple Languages Supported
- HTTP/TFTP/FTP Firmware Upgrade
- Auto Provision
- CDR Report and Export
- Syslog
- Ping and Tracert
- Traffic Statistics: TCP,UDP,RTP
- Network Capture
- NTP

Environmental

- Power Supply: 12VDC, 1A
- Power Consumption: 10W
- Operating Temperature: 0 °C ~ 45 °C
Storage Temperature: -20 °C ~80 °C
- Humidity: 10%-90% Non-Condensing
- Dimensions (W/D/H): 126×75×25mm
- Unit Weight: 0.7kg