



IAS-L100

IAS-L100 is the hardware server installed the ZYCOO IP Audio Center, provides user the out-of-the box feature to ready to use. The IP Audio Center is a comprehensive public address system that provides centralized IP audio endpoints auto provisioning and management features. To achieve features like background music, group paging, audio conferencing, video linkage, IP phone call, and etc. It is suitable for public safety, smart city, secure community, industry, healthcare, and much more application scenarios.

Applicable Scenarios



Schools



Stations



Shopping Malls



Parks



Offices



Restaurants



Airports



Hotels



Warehouses



Government
Organization

Features



Superior Quality Background Music

320Kbps superior quality MP3 music files and streamed media music supported, click to play music or schedule music playing can be achieved. And different music for different zones is also supported.



SIP Paging

Support multiple ways for live paging by dialing a single device or a group number from an IP phone or a SIP microphone to initiate a live SIP paging and/or using the ZYCOO IP Audio Dispatch Console click and trigger paging.



Auto Provisioning and Centralized Management

Using the MQTT IoT protocol, the IP Audio Center can auto-provision, manage, and control local or remote ZYCOO IP audio endpoints within one single system.



SIP Trunk for Inbound/Outbound Calls

The IP Audio Center supports SIP trunks for integration with the third-party SIP server, and as a result, inbound and outbound phone calls are supported.



Video Linkage

IP cameras with RTSP supported can be integrated with the IP Audio Center. Simply inputting the camera's RTSP address, and the system fetches the real-time streaming when an intercom call is initiated.



Audio Conferencing

ZYCOO IP Audio Center supports audio conferencing, and it can manage the conference using the IP Audio Dispatch Console. Invite, mute/unmute, kick out participants options are supported.



Multiple Tasks Type

IP Audio Center supports multiple types of tasks. The immediate task trigger tasks immediately after the task is set. Timetable tasks can be repeatedly played within the specified time range. While the dial-number task is a pre-set task, user may set the task as play background music, emergency alarms, etc., and use a phone to trigger the task.



Third-party Integration

Within the standard built-in SIP protocol, IP Audio Center supports third-party SIP endpoints as well as SIP system integrations. In addition, all API interfaces of the IP Audio Center are available for integration.

More Features

Paging

- Scheduled Paging
- Automatic Paging
- Emergency Paging
- Alarm Paging
- Live Paging
- Prerecorded Message Paging
- Text-to-Speech Paging
- Zone-based Paging
- Paging Group (Zone)
- Background Music
- Streaming Media Music
- Paging Beep
- Voice Intercom
- Video Intercom
- Video Linkage

Telephony

- Call Forward
- Call Transfer
- Call Spy
- Barge Spy
- Whisper Spy
- Call Split
- Wakeup Call
- Audio Conferencing
- Do Not Disturb (DND)
- In/Outbound Call Control Auto
- Receptionist (IVR)
- Customized IVR Prompts
- Video Call
- SIP Trunking
- Feature Codes
- Paging Beeps
- Caller ID

System

- SIP Paging Recording
- Conference Recording
- Intercom Recording
- Call Recording
- System Logs
- Call Logs
- Volume Control
- Multisite Support
- Multiple Dispatch User
- Device Status Monitoring
- Auto Provisioning
- Device Fault Report
- Device Location Mark
- External Music Collection
- API Support
- Multi SIP Accounts
- Hot Standby
- SIP NAT
- Customized Device Number
- Customized Device Labels
- Customized Group Number
- Support iFlytek TTS
- Support Google TTS
- Dial-number Tasks
- Timetable Tasks
- Support RTSP Cameras
- Support Modbus Modules

Specifications

Hardware	
CPU	2.41GHz Intel Processor
RAM	4GB DDR3L
Storage	16GB EMMC+240GB SSD
Ethernet Interface	2 × 10/100/1000Mbps
USB Interface	1×USB3.0 + 1×USB2.0
Dimension	440*232*44mm, Standard 1U Rack
Weight	3.00KG
Color	Black
Rate power	100 ~ 240V/50Hz
System	
Number of SIP Endpoints	100
Number of Paging Groups	Unlimited
Number of Playlists	24
Number of Music Files	Unlimited
Number of Timetable Triggered Tasks	Unlimited
Number of Number Triggered Tasks	Unlimited

Number of Operators	Unlimited
Number of SIP Concurrent Calls	100(Max)
Number of Simultaneous Conference Attendees	100(Max)
Number of Simultaneous SIP Paging Speakers	100(Max)
Environmental	
Installation Environment	Indoor
Operating Temperature	-20°C~50°C (-4°F~122°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Humidity	10% - 95% RH Non-condensing
Approvals	
Approvals	EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 62368-1:2014+A11:2017, FCC Part 15B Class A



We Focus · We Deliver

16F, D5, Tianfu Software Park, Chengdu, China

+86 28 85337096

zycoo@zycoo.com