

Features

- Network P.A. system
- Support SIP protocol
- Paging, Intercom applications
- Unlimited POE speakers and VoIP devices

The IP Audio Address System consists of multiple SIP (VoIP) and POE devices. By interconnecting them in a private network it is easy to create solutions for Public Address applications, like Paging and Intercom. The system is controlled by IP-1000 host device. It uses an IP-PBX function like in telephony for managing the devices within the network. Basically, the system features:

- Sharing of the existing network.
- 3 real-time audio playback for BGM provided by the server software, plus partitioning program timing and other functions.
- Paging MIC can call any partition, group or intercom with any one or more VoIP terminal.
- Paging MIC can connect up to 32 partitions in LAN.
- VoIP phone can call any partition or group or intercom devices with any number of VoIP terminal.
- The system can connect up to 250 partition in LAN.
- The phone can be automatically connected to broadcast.
- A terminal can automatically or manually record locally and upload to the server.
- Each terminal can have a local audio source and a player, with scheduled playback function, unified maintenance, update playlist and timing information through the server software.
- Multi-host network across the internet.
- Real-time monitoring of Network communication / equipment failure status, etc.

IP-1000 includes two analog telephone interfaces for telephone communications through the LAN. Stereo audio input and output are available for connecting back ground music source and have a monitoring from VoIP devices. An SD card slot is available for message recording.

Additional services can be available when the system is registered at SEIKAKU IoT Platform like:

- E-mail information or telephone call to user in case of emergency events, detected system faults, firmware or functions updates
- Parameter setting or system configuration remotely
- History list of events or recordings.



IP-104 is an Intercom terminal panel which decodes IP audio from the LAN and manages GPIO commands for local emergency light or message trigger. This module can be used at a long distance from the main host. Power is supplied from the POE or from a local DC 12V source.



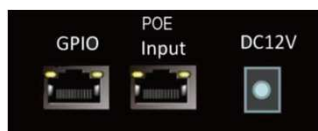
IP-103 is a paging microphone dedicated to the system. Of modern design it features a 7" touch screen to control the paging zones or can be used as an intercom station for communication with one or several VoIP terminals.



IP-105 is an intercom terminal equipped with a 4.3" touch screen for parameters setting and video intercom.



IP-106 is an intercom terminal equipped with a speaker and a push to talk button for the communication with any VoIP device of the system.



SIP version of **NCL-4** and **NPJ-5** speakers can be part of the system. Like IP terminal IP-104, they feature POE supply or external DC 12V and can be located at a long distance from the controller. They can run an auto test reporting about eventual operation problems. The speakers offer GPIO connector for local emergency light and a MIC input for talk back.

Specifications

IP-1000	IP-103
2 analog telephone interfaces for telephone	POE interface, easy to install
WAN port for connecting to the external network multi network	Support SIP (VoIP) protocol
LAN port used to connect an internal network SIP POE Speaker / VoIP device	7" TFT LCD and Touch Screen, easy to operate
Auto recording or manual recording	Video intercom between Paging Microphone or with VoIP Phone
IP_PBX function for managing SIP POE Speaker / VoIP devices within the network	Calls to any partition or group, talk to any one or several VoIP Terminals
Video intercom between Paging Microphone	POE power supply or DC 12V power supply
IP-104	IP-105
IP audio decoding output	POE interface, easy to install
2 MIC input with priority level	Support SIP (VoIP) protocol
2 GPIO input	4.3" TFT LCD and Touch Screen, easy to operate
1 GPIO output	Video intercom between Paging Microphone or with VoIP Phone
POE power supply or DC12V power supply	Calls to any partition or group, talk to any one or several VoIP Terminals
	POE power supply or DC 12V power supply
IP-106	SIP Speakers
POE interface, easy to install	Clear, long range speech
Support SIP (VoIP) protocol	Simple installation with network cable and POE
POE power supply or DC 12V power supply	Supports SIP (VoIP)
	Ensured reliability with Auto Speaker Test
	GPIO port for emergency button and emergency light, and MIC input for talk back
	Outdoor-ready

Specifications subject to modification without notice