

IIP-2100-AG

1RU Multi-channel Analog Audio Interface

2025 Datasheet



The **IIP-2100-AG** is an essential component of the Samim Intercom System, designed to seamlessly incorporate **ten** channels of analog audio input and output (line-level) into the intercom system via network connections. This product enables audio connections between intercom panels and studio CCUs, audio mixers, power amplifiers, and more.

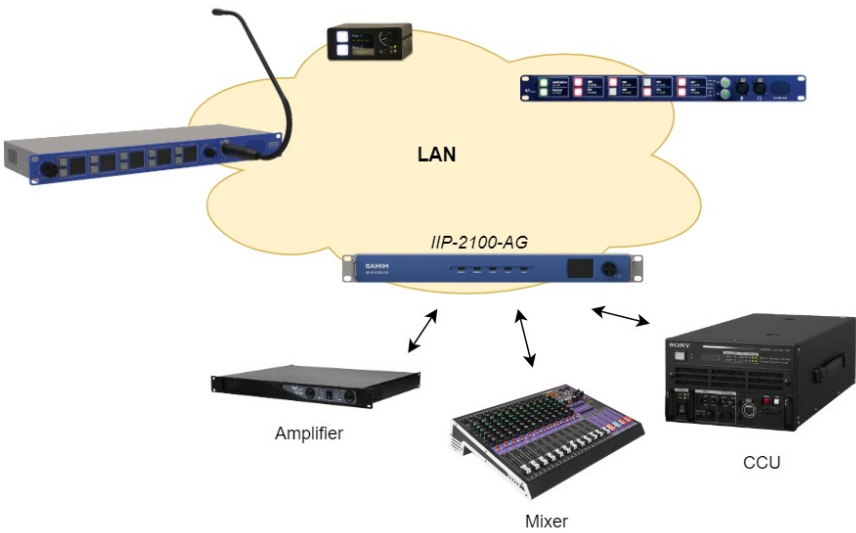
Pressing the key assigned to an analog interface channel on a Samim intercom panel instantly establishes a predefined full-duplex (or half-duplex) connection. This allows the panel user to hear the channel's line input while their voice is broadcast through the line output. Each analog interface channel can handle up to three simultaneous connections and can combine incoming voices on its output. The channels of the analog interface are entirely independent and can be used for different purposes, making it a versatile tool in dynamic environments. Users can access **IIP-2100-AG** configuration via its front panel or a web-based user interface, which simplifies the setup process. This web-based interface also provides access to logs, the ability to create / restore backup files, and facilitates firmware upgrades.

Key Features

- Rackmount 1RU chassis
- Peer-to-peer (server-less) operation
- Ten 4-wire analog interfaces (line input + line output) via D-sub 25 pin connectors
- Redundant 1G network interfaces (active-backup mode)
- Redundant power supplies (AC, plus DC)
- Support different codecs (PCM, G.711, G.722)
- 16 / 48 kHz sampling rate
- Encrypted data stream operation
- General purpose input and output via D-sub connectors
- Web-based user interface through built-in webserver
- Easy configuration and setup

- Network ping and trace route tool for diagnosis connection
- Log view, filter, and export
- Remote firmware upgrade

Block Diagram



Ordering Information

Order Code	Description	Type
IIP-2100-AG	1RU Multi-channel Analog Audio Interface	Base

With over two decades of extensive experience in the broadcast and media industry, Samim Group has emerged as a rapidly growing manufacturer and developer of professional-grade hardware and software solutions that cater to Broadcast Production Infrastructure, Intercom Systems, and Media Business Automation. We remain attuned to the latest technological advancements, ensuring we deliver high-standard solutions and products that can be marketed globally.

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