



Advanced Integrated Audio Solution

GENERAL DESCRIPTION

The Audiotec Advanced Integrated Audio Solution is a VoIP system which is a completely open source non-proprietary, cost-effective IP intercom and paging system. The AIS-1001 appliance incorporates the latest in technology, providing complete software, code, and programming transparency while allowing a user full access to configure the system in any fashion needed for their environment. By leveraging the latest open-source technologies, SIP and MQTT this cost-effective IP detention grade intercom and paging system has been created.

FEATURES and SPECIFICATIONS

- Modern GUI makes set up and configuration simple
- Fully VoIP digital system with VoIP field intercoms and VoIP control room master stations.
- Limitless, highly scalable from 1 field device to 1024 and up to 64 control room master stations per Audiotec AIS-1001 appliance.
- Control Network using Modbus over Ethernet 802.3.
- Non-Blocking communications from any VoIP master stations to any VoIP field intercoms.
- Support for industry standard 25-volt intercom stations.
- Sound threshold monitoring with multiple settings for daily scheduling requirements (Q1 2025).
- Program source distribution.
- Designed, Engineered, and Assembled in the U.S.A.

Administrator Software Features

- System configuration change's function while both on-line and off-line.
- YAML configuration file, edited via a simple GUI.
- Operates on standard PC or laptop computer.
- Loads and validates configuration files.
- Provides configuration, logging, and diagnostics.
- Remote system access via any modern web browser
- Manages the entire system through a single port.
- Manages system security features.





Audio Outputs	Audiotec - Per System
VoIP Master Stations	64
Analog Paging Amp	2 Channel 16 watts each
VoIP Intercom Stations	1024 IP intercoms
VoIP Desktop Master Station Phone	64
Analog Audio Inputs	64
Audio Outputs	64