

Intelligent Digital Intercom for Multi-Location Security Communication

The Algo 3400 Security Intercom System is an advanced digital communication solution for security, safety, and access control applications.

Up to 2,048 intercom stations may be located indoors or outdoors for employee or public use to request assistance, door access, or communicate with security personnel or care-givers. The 3400 Security Intercom System integrates with existing telephone equipment for a cost effective, flexible, and high reliability solution.

The 3400 is self-monitoring for alarm conditions such as wiring faults, and is easily configured and optionally monitored from a PC using the 3400 System Software. The system supports station dialing, paging, simultaneous calls, door access control, auxiliary relay inputs and outputs, CLID station identification, and numerous configuration options.

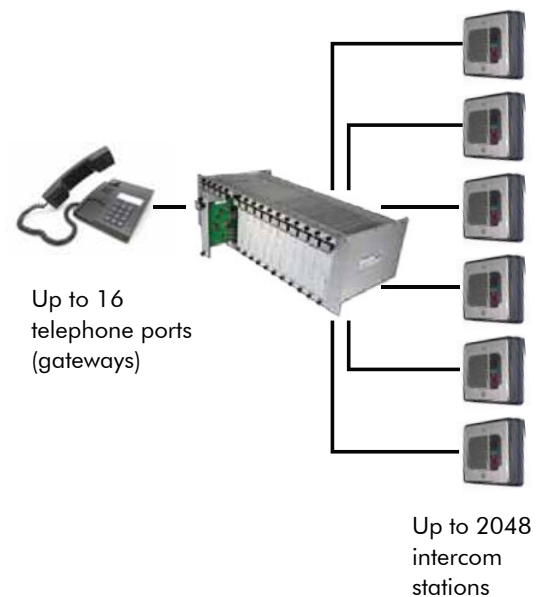
Key System Features:

- Up to 16 gateway ports (analog CLID trunk ports)
- Up to 16 simultaneous conversations
- Up to 2,048 single pair digital intercom stations
- Superior hands-free voice technology
- Significantly reduces telephone port requirements
- Station provides audible and visual call confirmation
- Gateway to station dialing capability
- Call queuing and programmable load sharing for even call distribution
- Programmable CLID message per station
- Paging feature with 99 zones and all call
- Weather resistant station design with backlit call button
- External switch input at station for call input (i.e. elevator button or pull cord)
- Serial communication port for 3400 System Software
- Fault alarm reporting (relay contact, LED indication, email message)
- Digital programmable volume control



Typical Applications

- Public buildings
- Airports
- Hospitals
- Elevators
- Parking garages
- Nursing homes
- Schools
- Universities
- Casinos
- Prisons



Key System Components

3201 Digital Intercom Station

- > Wall-mount digital intercom station with hands-free capability
- > Allows single pair voice and data communication up to 1,500 feet (450 m)
- > Backlit call button and separate speaker and microphone for superior voice quality
- > Call button LED flashes while call active
- > Speaker tone is provided for call press acknowledgement
- > Accepts external switch input (normally open or closed) for elevator button, pull cord, or sensor-activated calling
- > Attractive, weather resistant design is suitable for indoor or outdoor installation

3203 Armored Digital Intercom Station

- > All the features of the 3201 Digital Intercom Station but with solid milled aluminum faceplate, security screws, and backlit metal call button
- > Intended for environments with severe risk of vandalism

3401 Digital Intercom Card

- > Supports two 3201 Digital Door Stations per card
- > Relay outputs can be configured for call button notification or door control functions
- > Continuously monitors connection with Intercom Stations and initiates an alarm message for any wiring fault condition with programmable sensitivity to data errors

3406 Trunk Gateway Card

- > Communicates with one POTS telephone or analog CLID trunk port of a telephone system
- > Up to a maximum of 16 Gateway Cards can be installed in a system
- > Provides telephone ring, talk battery, and CLID for calling station identification
- > Connected telephone or port may initiate station communication by dialling address of Digital Station or paging Digital Stations by zone

3408 Station Gateway Card

- > Communicates with one analog station port of a telephone system
- > Up to 16 Gateway Cards can be installed in one system
- > Generates call by going off-hook and dialling or off-hook to activate hot-line dialling in system
- > Disconnect by loop supervision, dial tone, polarity reversal, or time-out.
- > Can be programmed to answer ring

3409 Dedicated Station Port Channel

- > Connects one 3201 Digital Door Station to one PBX analog station port similar to 3228 Doorphone
- > Does not require Line Cards or Gateways
- > Each 3409 Card supports one voice channel - up to 2,048 in a system
- > Generates call by going off-hook and dialling or off-hook to activate hot-line dialling in system
- > Disconnect by loop supervision, dial tone, polarity reversal, or time-out.
- > Relay outputs can be configured for in-use, door control, button press event

3410 Shelf

- > Rack mount enclosure holds up to 16 cards plus control card
- > Cards can be any combination of gateway or station cards plus one control card
- > External power supply included
- > Standard 3U 19 inch shelf
- > Shelves may function independently or up to 64 shelves can be connected together
- > Wiring to each shelf is via four 25 pair male Amphenol type connectors

3411 Control Card Master/Slave

- > Provides communication control and relay output for alarm reporting
- > Communicates with a PC for programming, logging, or alarm reporting by email
- > One control card required per shelf

3400 System Software

- > Windows-based configuration software allows for easy configuration of system options, activity logging, and email alarm reporting
- > Program resides on a PC connected to the master control shelf
- > System options may be saved to a file for backup