

## 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.

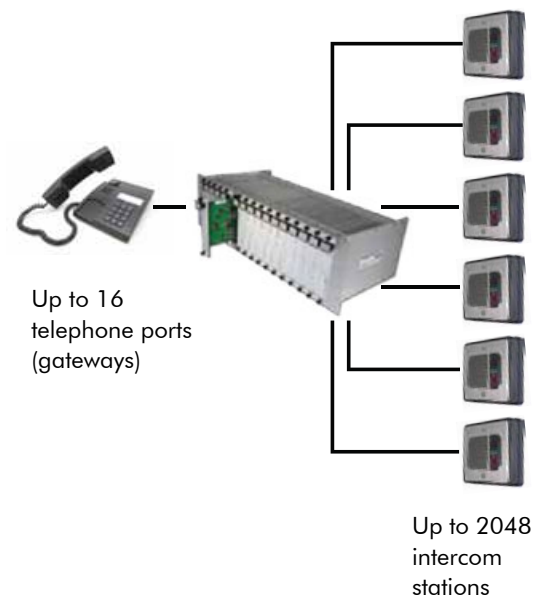
### Key System Features:

- 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 Door Station (Stainless Steel)

- > Wall-mount digital intercom station with hands-free capability
- > Allows single pair voice and data communication up to 1,000 feet (300 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

### 3202 Digital Door Station (Brass)

- > All the features of the 3201 Digital Intercom Station but with a brass faceplate

### 3203 Vandal-Proof Digital Door 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 320X 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.

### 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