



ECS ■ ENTRY COMMAND SYSTEM **ECSTURBO**

The ECS TURBO is a powerful, computer-based, four-door access control system expandable to 128 doors. Data transfer is made via direct wire or modem. The system communicates with ComKeys, RF Remotes, Proximity Tags and Biometrics*. Teamed with any electric lock, the ECS Turbo represents a user-friendly system for any commercial, industrial or multi-tenant building.

The **ECS TURBO** provides the ultimate PC-programmable access control management system for up to 2500 users and 4 doors. If desired, the ECS TURBO can be expanded to network as many as 32 controllers providing access control for up to 128 doors. Its ease of operation and precision access control capabilities make the ECS TURBO superior to any other access control system currently available.

The ECS TURBO is easily programmed from your PC, on-site or from any remote location using our proprietary Windows® 95 **ECS Manager™** Software and the ECS Model 300 Programmer. Information transfer is made using a standard PC modem and our Model 210 Site Modem. Alternatively, site controllers can be hard wired to your PC at distances up to five thousand feet.

The system works through a communication link established between the chosen credential and a Site Reader. Access is granted when a valid credential is presented. ECS TURBO credential options include: ComKeys, featuring iButton™ technology which incorporates a computer chip in a stainless steel disc mounted to a key fob, RF Remotes and Proximity Tags. The Site Reader replaces the conventional lock cylinder and will work with a wide variety of electric door locks.

System integrity is protected by an Administrator Credential which locks and unlocks the download function of the PC.

FEATURES

- **Twenty-five hundred users.**
- **Controls 4 doors; expandable to 128 doors.**
- **Audit trail of 3000 events with automatic polling.**
- **PC-programmable using Windows® 95 ECS Manager™ Software.**
- **Data transfer via direct wire or modem.**
- **Communicates with various credentials: ComKeys, RF Remotes, Proximity Tags and Biometrics*.**
- **System capabilities include programmable anti-passback, holidays, lock/unlock times, levels of entry, time zones and more.**
- **Built in surge protection on the controller board.**
- **Retains system data during power loss.**
- **Real-time clock with ten-year lithium battery.**
- **Optional stand-by power supply.**

*Various Biometric technologies are available. Contact ACI for further information.



Communicates with Proximity Tags and Cards, RF Remotes, and ComKeys.

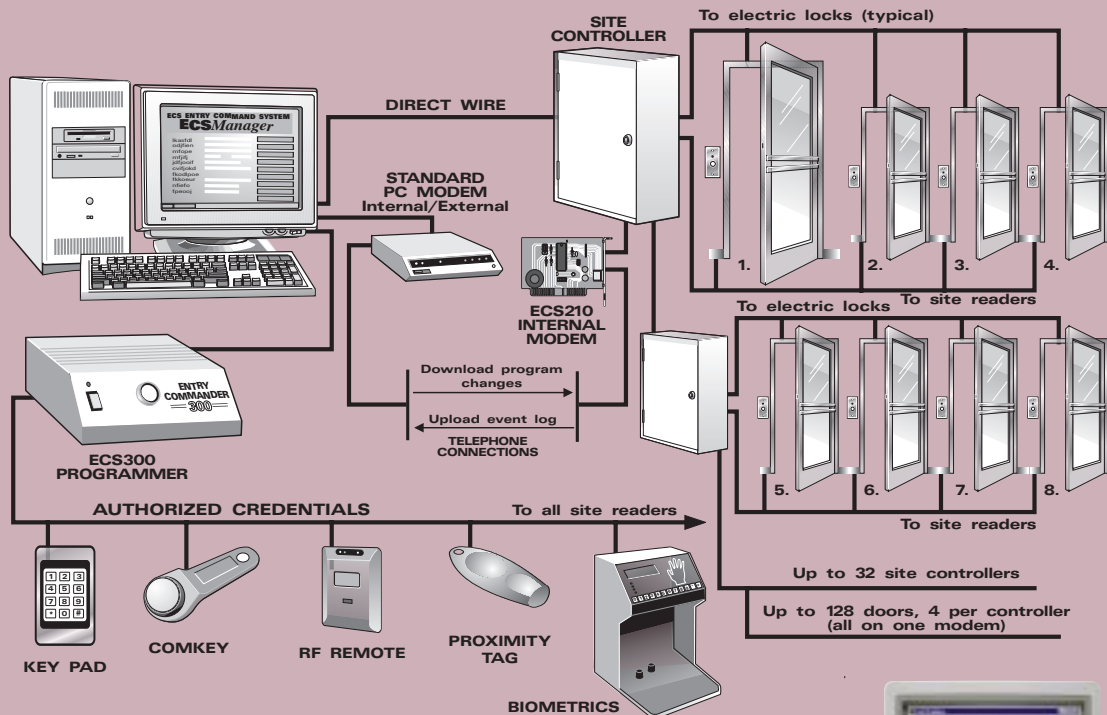


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PROGRAMMING PARAMETERS

ECS Manager™ Access Control Software allows management of the following functions:

- Create new database
- Set-up buildings within database
- Set-up one or more controllers per site
- Set-up system properties, ie. communication ports, events, polling
- Add/modify System Administrator Credentials
- Add/delete/update buildings
- Add/delete controllers
- Modify door parameters
- Modify lock/unlock times
- Modify lock/unlock days
- Set-up/manage shift classes
- Set-up/manage user classes
- Add/delete/update users
- Download database
- Upload event log



SPECIFICATIONS

- Supply Voltage: 12 VDC @ 500 mA.
- Communicates on RS485.
- Supports four (4) door modules/eight (8) readers.
- Each door module has two (2) relays that energize on a valid read. A third relay is used for forced entry/door ajar or any status input. All relays are isolated form C.
- Relay Contacts: 30 VDC @ 5 amps, 250 VAC @ 5 amps.
- Master override input interfaced to fire alarm.
- Equipped with Request-to-Exit Input for each door module.
- Temperature Operating Range: 32°F to 158°F (0°C to 70°C)
- Size of Controller: 10" (W) x 10" (H) x 2" (D)
- Enclosure: Custom-designed, painted steel.
15" (W) x 18.25" (H) x 4" (D)



SYSTEM PREREQUISITES:

- 486 or better PC running Windows® 95
- Minimum 8MB RAM
- Minimum 100MB of free disk space
- Two free serial ports

Available Through: