

ECS ■ ENTRY COMMAND SYSTEM

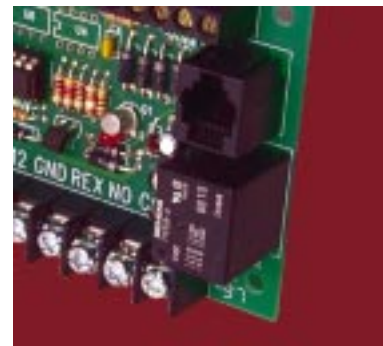
ECS25

A simple and economical LED programmable system for flawless access control of a single entry door in an office, store, factory, warehouse or multiple dwelling. The ECS25 replaces conventional door lock cylinders and keys and provides an entry system that is programmable, secure and manageable for up to 25 users.

The **ECS25** works through a communication link established between an ECS ComKey and Site Reader. ComKeys feature *iButton™* technology incorporating a computer chip in a stainless steel disc which is mounted to a key fob. Each ComKey carries a unique identification code that is laser-etched at the factory. The ECS25 allows the use of up to 25 ComKeys. The Site Reader replaces the conventional lock cylinder and will work with any electric strike or magnetic lock. Access is granted when a valid ComKey is touched to the Site Reader. Site Readers are available in stainless steel for conventional electrical boxes (standard) and door frames (slimline) providing a rugged, vandal-resistant user interface.

FEATURES

- Controls up to 25 users with 2 Program Keys.
- Easily programmed using the reader LED.
- Stainless steel readers provide a rugged, vandal-resistant user interface.
- Relay output variable from 1 second to 4 minutes.
- Automatically retains system data during power loss.
- ComKeys do not require batteries.
- Low cost and high reliability.
- Easy installation.
- Basic system includes everything necessary for installation except the electric strike or magnetic lock.



The ECS25 system is easily installed using standard RJ11 connectors or six-conductor cable.

ACCESS
CONTROLS
INTERNATIONAL

ECS25

PROGRAMMING PARAMETERS

ASSIGNING A PROGRAM KEY

Prior to programming the system you must first assign a Program Key. The first ComKey touched to the reader after powering up the system will become the Program Key. This key is only used for programming functions. It cannot be used for access.

PROGRAMMING THE CONTROLLER

Programming Modes

Programming modes for the ECS25 are indicated by the color of the LED located on the reader. The following colors indicate the programming modes:

- | | | | |
|----------------------|------------------|--------------------------|-----------------|
| 1. Normal | Flashing red LED | 4. Add Program Key | Solid green LED |
| 2. Add User | Solid amber LED | 5. Set Relay Time | Solid amber LED |
| 3. Delete User | Solid red LED | 6. Clear Database | Solid red LED |

To scroll from mode to mode the Program Key must be held against the reader. The programming modes will change in the order from Normal to Clear Database at approximately five (5) second intervals.

Programming a ComKey

Enter programming mode by touching the Program Key to the reader and wait for the first solid amber LED. Touch a ComKey to the reader. The LED will turn green and then return to solid amber. Add the desired amount of ComKeys. This system has the capacity of twenty-five (25) ComKeys. After all ComKeys are programmed, touch any programmed ComKey to the reader and the system will return to normal mode.

Deleting a ComKey

Enter programming mode by touching the Program Key to the reader and wait for the first solid red LED. Touch the ComKey to the reader. The LED will turn green and then return to solid red. Delete the desired number of ComKeys. After all the selected ComKeys have been deleted, touch any deleted ComKey to the reader and the system will return to its normal mode.

Adding a Program Key

Enter programming mode by touching the Program Key to the reader and wait for the first solid green LED. Touch an unprogrammed ComKey to the reader. The LED will turn red and then return to flashing red. This system has the capacity of two (2) Program Keys. After the second Program Key is programmed the system will automatically return to normal mode.

Set Relay Time

Enter programming mode by touching the Program Key to the reader and wait for the second solid amber LED. Remove the Program Key for a desired amount of time. Touch the Program Key to the reader and the LED will turn solid red. The amount of time that elapsed from the first removal of the Program Key until you touched the Program Key again is the amount of time the relay will be energized for authorized entry. The maximum relay time is approximately four (4) minutes.

To set the relay time to a minimum time, touch the Program Key to the reader and hold it there and wait for the second solid red LED. Remove the Program Key. When the LED turns solid red, immediately touch any programmed ComKey to the reader and the system will return to normal mode.

Clear Database

This function is used in case a ComKey is lost or stolen.

Enter programming mode by touching the Program Key to the reader and wait for the second solid red LED. Continue to hold the Program Key to the reader for approximately five (5) seconds. The LED will turn green indicating that the complete database has been cleared. Remember, the first ComKey that is touched to the reader will now be the system Program Key.

SPECIFICATIONS

- **Supply Voltage: 12VDC @100mA maximum.**
- **Data Access Time: Less than 1 second.**
- **Relay Contact: 30VDC @ 5 amps, 250VAC @ 5 amps.**
- **Equipped with Request-to-Exit Input.**
- **Temperature Operating Range: 32°F to 158°F (0°C to 70°C)**
- **Size of Controller: 3"(W) x 3"(H) x 1.5"(D)**
- **Size of Readers:**
 - Slimline: 1.5"(W) x 3.75"(H) x 0.25"(D)**
 - Standard: 3.25"(W) x 4.875"(H) x 0.25"(D)**

Available Through: