



## ECS ■ ENTRY COMMAND SYSTEM

# ECS100

A flawless, single-door, access control system featuring on-site programming with a built-in keypad/LED display. The system communicates with ComKeys, RF Remotes, Proximity Tags and Biometrics\*. With the technology of choice teamed with any electric lock, the ECS100 represents a solid, rugged system for your application.

The **ECS100** controls up to 500 users. It works through a communication link established between the chosen credential and a matching Site Reader. Access is granted when a valid credential is presented. The Site Reader replaces the conventional lock cylinder and will work with a wide variety of electric door locks.

ECS100 credential options include: ComKeys, featuring iButton™ technology which incorporates a computer chip in a stainless steel disc mounted to a key fob; miniature RF Remotes, commonly used from a vehicle to activate garage doors or parking gates from up to 150 feet; and miniature Proximity Tags with "read" ranges varying from 3" to 28" depending upon the reader model used.

Programming is easily accomplished using a Program Key which unlocks the program. Once unlocked, the system administrator can easily perform initial enrollment, add or delete users, create additional Program Keys, program time/date, set parameters of automatic lock/unlock times and access various printer options.

## FEATURES

- Five hundred user database.
- Easily programmed with onboard keypad/LED display.
- Holds up to ten Program Keys in memory.
- Programmable lock/unlock times, by day of week.
- Real-time clock with ten-year lithium battery.
- System retains data during power loss.
- Built-in surge protection on the controller board.
- Optional printer module supports most parallel printers; allows a real-time audit trail.
- Optional stand-by power supply.



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

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



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## PROGRAMMING PARAMETERS

The ECS100 Program Key allows access to the following functions:

- Enter/exit programming mode
- Add credentials
- Delete credentials
- Add program keys
- Delete program keys
- Set relay time
- Set printer options
- Print the system configuration and database
- Set the relay contact closure
- Set clock
- Set system lock time
- Set system unlock time
- Set day for lock/unlock time

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SYSTEM CONFIGURATION
2:36 3/12/98
Unlock Time: 3:15
Lock Time: 7:30
Unlock/Lock Days: 0123456
Relay Time: 1 sec.
Door Energize State: ON
Mode: 0 (Normal Mode)

Access ID Database
Loc TAGKey
1 013423680100009D
2 01263068010000D0
3 01E7176801000085
4 01081B6801000087
5 015E1F6801000034
6 01A2968010000F7
7 01331A680100006F
8 01672C6801000085
9 010D2D6801000032
10 0105306801000075
11 01DD29680100009E
12 01A730680100004F
13 01L41C680100004Z
14 01561A6801000047
15 0168286801000046
16 0165226801000049
17 01593D6801000026
18 01F01C6801000077
19 015D1D68010000EE
20 018D2968010000E1
21 01AC1F6801000028
22 010B1B680100007E
23 01D531680100007C
24 016E2F680100005D
25 01AD306801000088
26 01EC2F6801000014
27 01L02868010000P5
28 01621D6801000027
29 019A176801000049
30 0126316801000057
31 01E32C68010000B3
32 01B219680100001C
33 01A22E680100000F
34 01C21D680100007H
35 01313768010000C7
36 0194716801000063
37 012F737B0100001B
38 013A2A680100007D
39 0153256801000047
40 01F0166801000088

Master ID Database
Loc TAGKey
500 0121737B01000008
                
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REAL TIME TRACKING EVENT LOG
2:45 3/12/98 Loc: 22 CODE: 010B1B68010000EE EVENT: Valid Access
2:47 3/12/98 Loc: 19 CODE: 015D1D68010000EE EVENT: Valid Access
2:48 3/12/98 Loc: 18 CODE: 01FD1C680100007F EVENT: Valid Access
2:49 3/12/98 CODE: 012C1A6801000010 EVENT: Unknown TAGKey
2:51 3/12/98 Loc: 13 CODE: 01E41C68010000B2 EVENT: Valid Access
2:53 3/12/98 Loc: 5 CODE: 015E1F6801000034 EVENT: Valid Access
2:55 3/12/98 Loc: 20 CODE: 018D2968010000B1 EVENT: Valid Access
2:57 3/12/98 CODE: 0132206801000061 EVENT: Unknown TAGKey
2:59 3/12/98 CODE: 0121737B01000008 EVENT: Master Button Present
2:59 3/12/98 EVENT: End unlock time.
3:01 3/12/98 Loc: 15 CODE: 01882868010000BE EVENT: Valid Access
3:04 3/12/98 Loc: 2 CODE: 012B3068010000D0 EVENT: Valid Access
3:05 3/12/98 EVENT: Request-to-Exit
3:07 3/12/98 CODE: 01AD3468F1FDE301 EVENT: Unknown TAGKey
3:07 3/12/98 Loc: 25 CODE: 01AD306801000088 EVENT: Valid Access
3:10 3/12/98 Loc: 4 CODE: 01081B6801000087 EVENT: Valid Access
3:11 3/12/98 EVENT: Request-to-Exit
3:11 3/12/98 CODE: 012C1A6801000010 EVENT: Unknown TAGKey
3:13 3/12/98 Loc: 34 CODE: 01C21D680100007B EVENT: Valid Access
3:13 3/12/98 Loc: 23 CODE: 01D531680100007C EVENT: Valid Access
3:14 3/12/98 Loc: 1 CODE: 013423680100009D EVENT: Valid Access
3:15 3/12/98 EVENT: Start unlock time.
3:19 3/12/98 CODE: 0121737B01000008 EVENT: Master Button Present
3:20 3/12/98 EVENT: Start unlock time.
3:20 3/12/98 CODE: 0121737B01000008 EVENT: Master Button Present
3:21 3/12/98 EVENT: End unlock time.
3:22 3/12/98 Loc: 35 CODE: 01313268010000C7 EVENT: Valid Access
3:22 3/12/98 EVENT: Request-to-Exit
3:24 3/12/98 Loc: 30 CODE: 0126316801000057 EVENT: Valid Access
3:28 3/12/98 Loc: 10 CODE: 0105306801000075 EVENT: Valid Access
3:30 3/12/98 Loc: 24 CODE: 016E2F680100005D EVENT: Valid Access
3:31 3/12/98 Loc: 17 CODE: 0159306801000026 EVENT: Valid Access
3:32 3/12/98 EVENT: Request-to-Exit
3:34 3/12/98 Loc: 26 CODE: 01E22E680100000F EVENT: Valid Access
3:37 3/12/98 Loc: 21 CODE: 01AC1F6801000028 EVENT: Valid Access
3:39 3/12/98 Loc: 16 CODE: 0165226801000049 EVENT: Valid Access
3:42 3/12/98 Loc: 14 CODE: 01561A6801000047 EVENT: Valid Access
3:47 3/12/98 Loc: 8 CODE: 01672C6801000085 EVENT: Valid Access
3:53 3/12/98 CODE: 012C1A6801000010 EVENT: Unknown TAGKey
3:54 3/12/98 Loc: 14 CODE: 01561A6801000047 EVENT: Valid Access
3:56 3/12/98 Loc: 29 CODE: 019A176801000049 EVENT: Valid Access
3:59 3/12/98 Loc: 12 CODE: 016E30680100004E EVENT: Valid Access
4:02 3/12/98 Loc: 32 CODE: 01B219680100001C EVENT: Valid Access
4:06 3/12/98 Loc: 28 CODE: 01621D6801000027 EVENT: Valid Access
4:07 3/12/98 CODE: 01C62F680100004D EVENT: Unknown TAGKey
4:09 3/12/98 EVENT: Request-to-Exit
4:10 3/12/98 Loc: 27 CODE: 01E02868010000F5 EVENT: Valid Access
4:11 3/12/98 CODE: 0121737B01000008 EVENT: Master Button Present
4:14 3/12/98 EVENT: End unlock time.
4:15 3/12/98 Loc: 40 CODE: 01F0166801000088 EVENT: Valid Access
4:17 3/12/98 Loc: 9 CODE: 01DB2D6801000032 EVENT: Valid Access
                
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## SPECIFICATIONS

- Supply Voltage: 12 VDC @ 300 mA maximum.
- Data Access Time: Less than one (1) second.
- Relay Output: 1 form C.
- Contact Configuration: Latching and Non-Latching.
- Contact Rating: 30 VDC @ 5 amps, 250 VAC @ 5 amps.
- Equipped with Request-to-Exit Input.
- Temperature Operating Range: 32°F to 158°F (0°C to 70°C)
- Size of Controller: 4.5" (W) x 4.5" (H) x 1.5" (D)
- Enclosure: Custom-designed, painted steel.  
10.75" (W) x 13.25" (H) x 6.5" (D)

Available Through: