

The Most Cost-Effective One-Door Secure Access System

Overview

The DigiLock 1 controller not only incorporates Hirsch's patented technology on cost sensitive one-door applications, but the DL1 offers a comprehensive feature set with minimal installation requirements as well.

The DL1 controller was designed with a fixed digit, built-in keypad specifically for programming. Adding, changing and deleting users or changing system setups is practically effortless using Hirsch's Digital Command Language, which is a series of numeric commands that can be entered directly on the built-in keypad.

With one of the 50 types of card readers supported and/or a ScramblePad® secure electronic keypad, the DL1 is ready to be installed in a convenient location near the controlled door.

Features & Benefits

Built-in Programming Pad

The built-in keypad is exclusively for programming the DL1. This convenient feature allows for programming a card reader based system without installing a ScramblePad. Access codes can not be entered into this keypad.

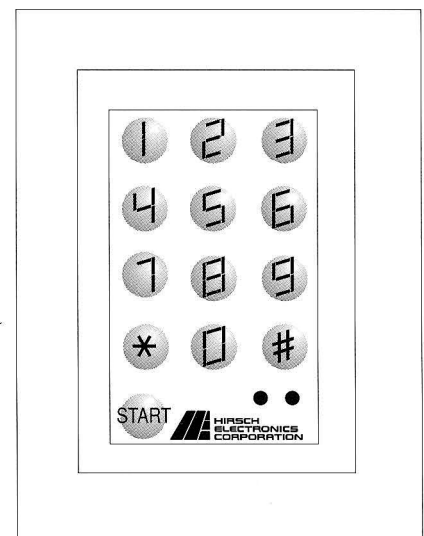
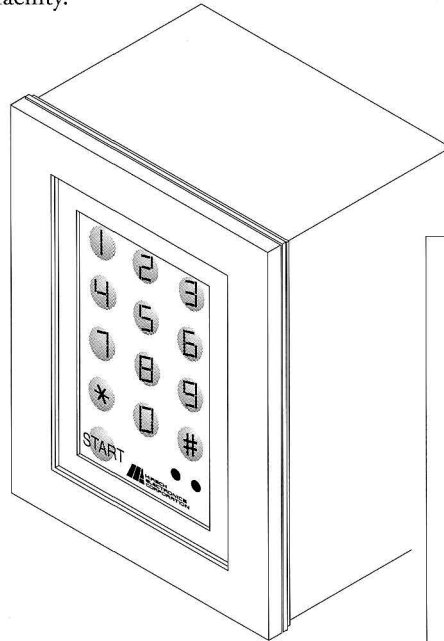
Detect, Report, Record

For total supervision, the DL1 detects door forced open and held open alarm conditions as well as line tampering. Alarms are reported to the internal alarm relay for external annunciation and recorded on the printer.

Readers, Readers and More Readers

Because of its versatile design, the DL1 supports 50 different card reader types in addition to the ScramblePad. For sensitive sites that need increased security, the DL1 supports dual technology readers (code+card).

Hirsch has set new standards for size, features and benefits without disregarding quality and performance with its DigiLock 1, one-door secure access control system. Like all other Hirsch control systems, the DL1 is built to last and built to perform continuous control duties without fail. The DL1 is the best solution for sites that have single door locations because it can read the same cards or codes that are used in the larger on-line system in the same facility.



Users, Users and More Users

The 500 User Database (UDB) is extremely useful for sites with large user populations. Additionally, the 500 UDB can be used as a 250 dual (code+card) UDB for sensitive sites that need dual technology for increased security.

Managing the UDB is easy because new code or card users can be quickly added to the UDB through auto-generation or batch loading commands, deleting one or more users is instantaneous and full database printing is available.

Who, When, What . . .

Connecting a serial printer to the DL1 provides a time and date stamped log of granted and denied access events for the 500 individual users in the UDB. If a printer is not continuously attached to the DL1, the internal battery protected 800 event buffer provides easy access to the most recent 800 events.

Simple Yet Sophisticated

- The various user functions such as access, unlock/relock, lockdown/release and alarm cancel provide complete control of door access and area security.
- Access can be automatically controlled by use-count limits that disable a user's access when exceeded.
- Holidays and time zones control user access by time, day and holiday in addition to automatically unlocking/relocking doors by time, day and holiday.
- High security features include the ability to report duress codes entered by a user as well as code tampering caused by multiple entries of invalid codes or cards.

Specifications for the DigiLock 1

Models

DL1-12
DigiLock 1 12 Volt System

DL1-24
DigiLock 1 24 Volt System

Dimensions

5.75" x 4.37" x 1.87"
(14.60 cm x 11.09 cm x 4.74 cm)

Mounting Box

Shipped with MB2
Also fits MB3 and MB4

Shipping Weight

2 lbs.
(.90 kg)

Factory Warranty

15 months from date of shipment
from factory

Temperature Range

Operation
32° to 122° F (0° to 50° C)

Storage
-40° to 158° F (-40° to 70° C)

Relative Humidity

0 to 90% noncondensing

Input Power

DL1-12
10 - 18V DC (.3A for DL1-12 plus
reader current draw requirements)

DL1-24

18 - 28V DC (.15A for DL1-24 plus
reader current draw requirements)

Number of Relays

(1) 2A unpowered Door relay
(1) 2A Alarm relay

Supervised Inputs/Line Modules

One supervised alarm input supports
DTLM/MELM 1, 2, 3 line modules

Serial Printer Support

Built-in printer port

Memory Backup

Users, Setups, Buffer, and Clock

Number of Reader Inputs

(2) entry/exit, single or dual technology

Type of Readers

ScramblePad and compatible card reader
heads (*MATCH Board is not required*)

Card Reader Power

5V or 12V

Reader/Input Distance to Door

50 ft. maximum
(15.22 m)

Programming Device

Built-in standard keypad for programming
use only

Users

500 code or card only
250 code and card

Event Buffer

800

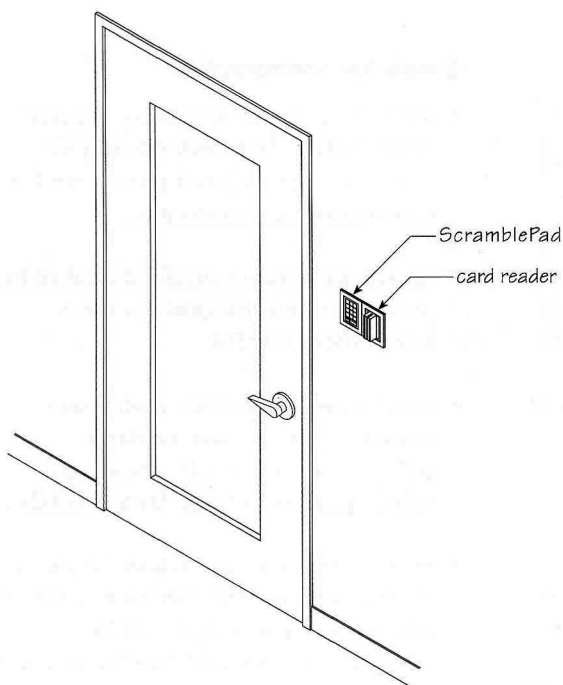
Time Zones

2 fixed (never, always) 8 standard;
8 master

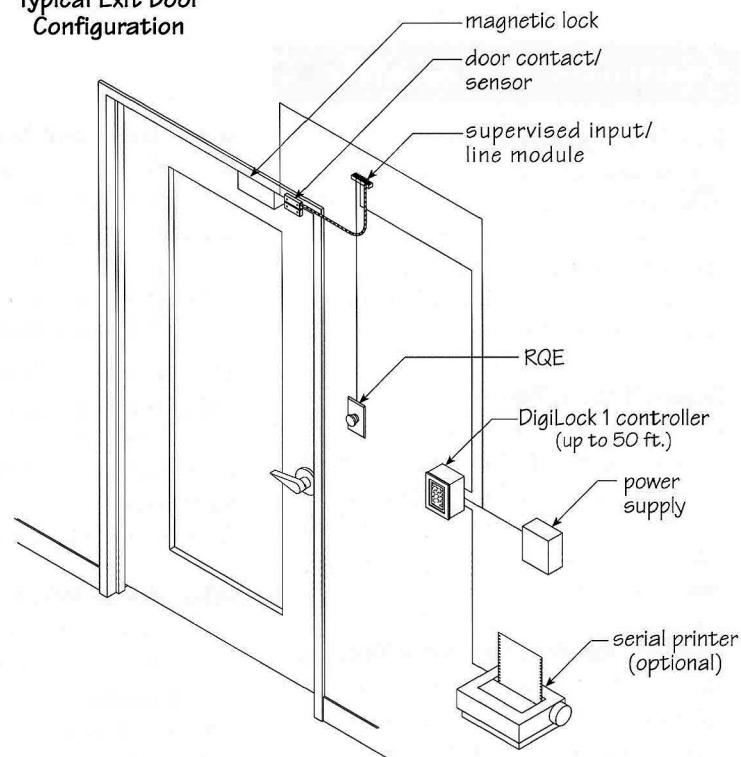
Holidays

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Typical Entry Door
Configuration



Typical Exit Door
Configuration



HIRSCH
ELECTRONICS

1900 Carnegie Avenue, Building B, Santa Ana, CA 92705 USA

DL1-DS-4-95

Phone: 949-250-8888, Fax: 949-250-7372, Website: www.HirschElectronics.com