

DR3

Low Budget Proximity and EM Lock

SOYAL

Access Control System

Date: 28 April 2010, Revision: V1

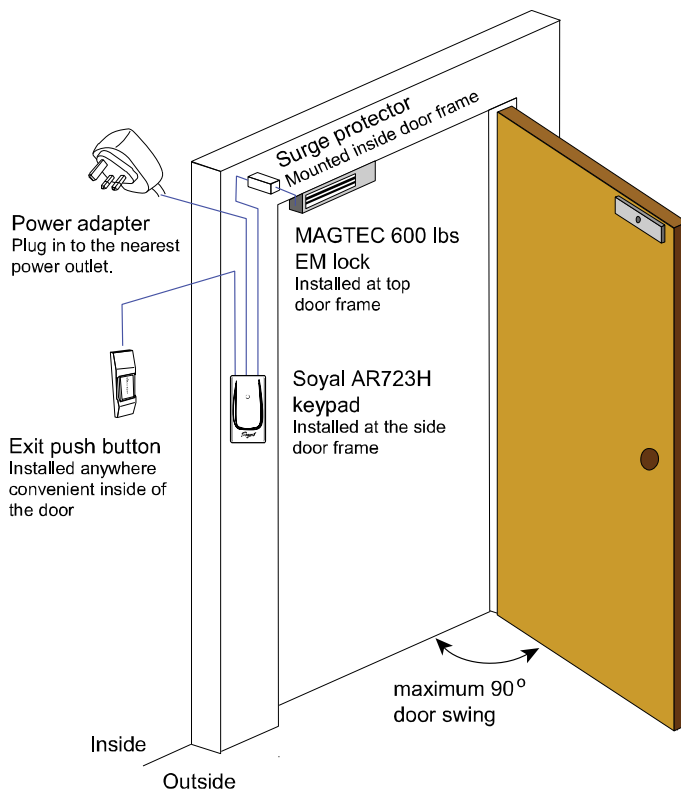
Description

DR3 is a low cost solution for simple standalone door access control. During entry, user will just need to flash their card in front of the reader, upon identity verification, the electromagnetic lock will release; allowing the door to be opened. During exit, users press the exit push button from the inside.

Green LED will blink with one beep sound to indicate successful reading. Red LED will blink with two beep sound to indicate invalid reading. Auto learning card enrollment by using master card, no programming needed. For future maintenance, it is advisable to keep the master card in a safe place for future add/delete card.

Easy to install, maintenance free for small offices below 100 staffs.

Installation Diagram



Feature

- 100 card users.
- Support card only.
- No programming needed. Auto leaning card enrollment using master card.
- Manual push button to open / close door for guest.

Ordering Information

Ordering code: DR3

Qty	Equipment
1 pcs	SOYAL AR723H standalone controller reader
1 pcs	Master Card
1 pcs	Power adapter DC12V, 1.5A
1 pcs	600lbs EM Lock
1 pcs	SP1 EM lock surge protector
1 pcs	Exit push button
10 pcs	CDS18, 1.8mm 125KHz proximity card

Upgrade Ideas

Add magnetic contact for alarm and door opened too long warning.

- Add a break glass for emergency exit.
- Add key switch for manual turn off to open door in case of equipments failure.
- Upgrade EM lock to LCJ electric dropbolt to support 2 way door swing
- Upgrade power adapter to NOVA150 for backup battery supply.

** Additional EM Lock mounting brackets might be needed depending on the types of door.