

DF1 Fingerprint (optical) access control package

SOYAL

Access Control System

Date: 9 Sept 2012, Revision: V1

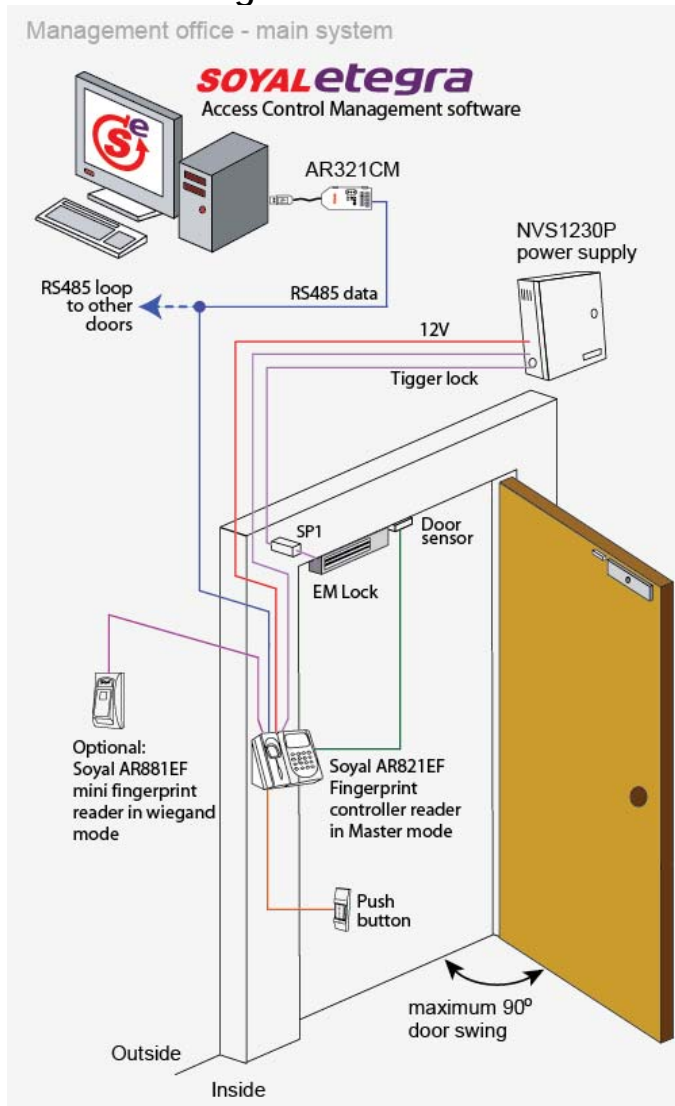
Description

DF1 can be used to increase door access security by requiring fingerprint authentication. SoyalEtegra software allows time attendance function, easier personnel maintenance and remote viewing within LAN.

For entry, EM lock will release the door when reader verifies a valid fingerprint. LCD screen can be customized to display company name. LCD screen will also display employee name. For exit, user will just need to press push button. Additional fingerprint reader can be added as OUT reader is user desired further more security.

Only valid access data will be sent to SoyalEtegra software at PC. Access raw data can be exported out as text file for more advanced manipulation from third party time attendance software. This is a value added solution; user can have more security into their office and at the same time be able to monitor employee time attendance more accurately (no more buddy punching problem).

Installation Diagram



SoyalEtegra software is available in 3 versions; Lite, Pro Basic and Pro Advance. Support multiple client login, CCTV integration and alarm monitoring.

Feature

- Ultra fast 970 msec 1:1000 fingerprint identification.
- Built in TCP/IP for direct network connection
- 9000 fingerprint templates, 16,000 card users.
- Each user can enroll two fingerprints.
- Runs on backup battery during power failure (max 32000 memory)
- Support anti-pass back
- Programming from software or keypad
- Manual push button to open/close door for guest.

Ordering Information

Ordering code: DF1

Qty	Equipment
1 pcs	SOYAL AR821EF_OS
1 pcs	NVS1230P power supply with battery
1 pcs	EM Lock 600lbs
1 pcs	SP1 EM lock surge protector
1 pcs	Exit push button

Upgrade Ideas

- Add AR321CM (convert RS485 to USB converter, come with software) for PC software management.
- Add AR881EF_OS as exit reader with anti-passback. Requires optional keypad for hardware programming.
- Add a break glass for emergency exit.
- Add key switch for manual turn off to open door in case of equipments failure.
- Add door sensor to enable alarm function or door opened too long warning.
- Upgrade EM lock to LCJ electric dropbolt to support 2 way 180° door swing