

DF1A Door Access Package Fingerprint (optical) with LCD

Description

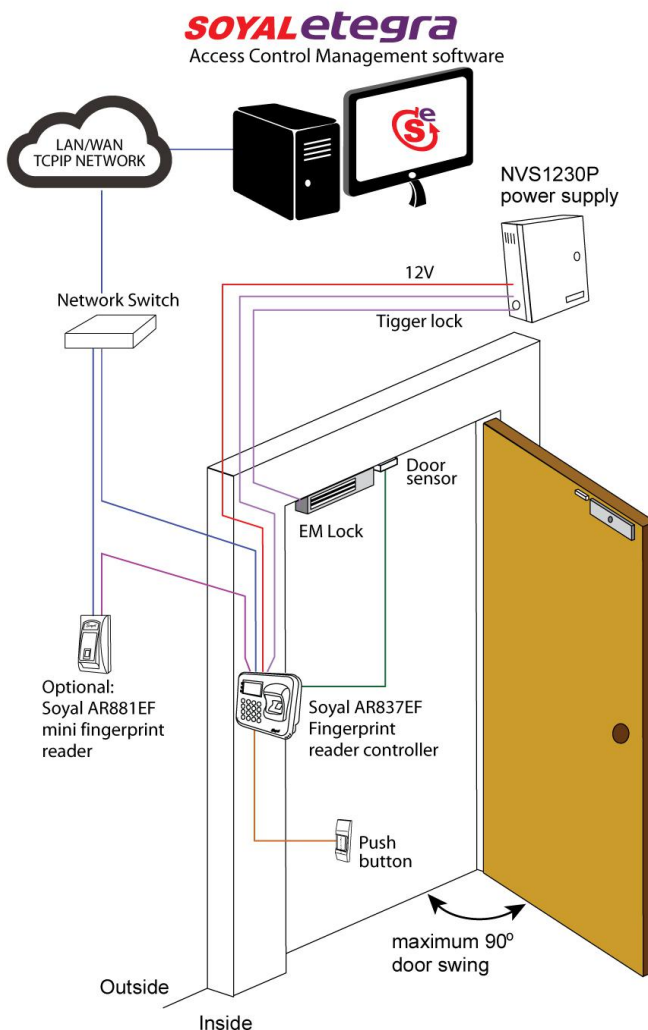
DF1A increases door access security by requiring fingerprint authentication. Optical scanner has higher resistant against vandalism attempt. Multiple DF1A can be connected into LAN for multiple single door application.

For entry, EM lock will release the door when the reader verifies a valid fingerprint. LCD screen can be customized to display company name and employee name. For exit, user will just need to press push button. Additional fingerprint reader can be connected as OUT reader to achieve higher security.

All access data will be sent to the SoyalEtegra for monitoring, reporting and time attendance calculation. 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 effectively. This is a value added solution; user can have maximum security in their office and at the same time be able to monitor employee time attendance more accurately (no more buddy punching problem).

Installation Diagram

Management office - main system



SoyalEtegra software is available in 3 versions; Lite, Pro Basic and Pro Advance. Support multiple client login, CCTV integration and alarm monitoring. [Click here for more info about software](#)

Feature

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

Ordering Information

Ordering code: DF1A

Qty	Equipment
1 pcs	SOYAL AR837EF_OS Fingerprint controller reader
1 pcs	NVS1230P power supply with battery
1 pcs	EM Lock 600lbs
1 pcs	Exit push button

Requires SoyalEtegra Profesional Basic or Advance to support multiple direct TCPIP connections. Lite version only supports single TCPIP or single RS485.

Upgrade Ideas

- Add AR881EF_OS as exit reader with anti-passback (Mifare or Em).
- Add AR321CM to link all reader under single RS485 bus in order to use SoyalEtegra lite version.
- 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.