

DP4 Fingerprint access control package

SOYAL

Access Control System

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Description

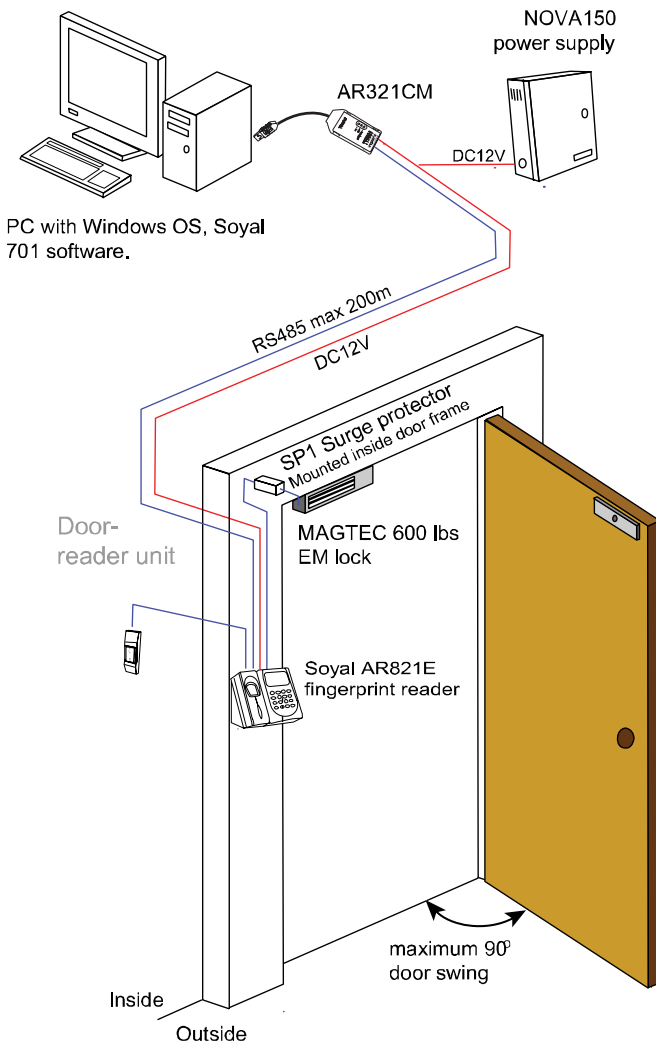
DP4 can be used to increase door access security by requiring fingerprint authentication. Software allows simple time attendance function, easier personnel maintenance and remote viewing within LAN.

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 the 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

Management office - main system



Caution:

DO NOT install reader back-to-back to avoid interference. Suggest reader to be away from each other 12" to achieve maximum reading range.

Feature

- Ultra fast 970 msec 1:1000 fingerprint identification.
- More user friendly $\pm 45^\circ$ orientation tolerance.
- 4500 fingerprint templates, 10,000 card users.
- Each user can enroll two fingerprints.
- Card expiry date for 5000 users.
- Runs on backup battery during power failure (max 11000 memory)
- Support anti-pass back
- Programming from software or keypad
- Manual push button to open/close door for guest.

Ordering Information

Ordering code: DP4

| Qty | Equipment |
|-------|--|
| 1 pcs | SOYAL AR821EF_OS / AR821EF_CS fingerprint reader |
| 1 pcs | NOVA 150 power supply with backup battery |
| 1 pcs | MAGTEC 600lbs EM Lock |
| 1 pcs | SP1 EM lock surge protector |
| 1 pcs | Exit push button |

Upgrade Ideas

- Add AR321CM (convert RS485 to USB convertor, come with software) for PC software management.
- Add AR721U for card anti-passback.
- Add a break glass for emergency exit.
- Add key switch for manual turn off to open door in case of equipments failure.
- Add magnetic contact to enable alarm function or door opened too long warning.
- Upgrade MAGTEC EM lock to LCJ electric dropbolt to support 2 way door swing

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