

DX1 Door Access Package

Direct TCPIP with face recognition



Date: 1 Jun 2021, Revision : V1

Description

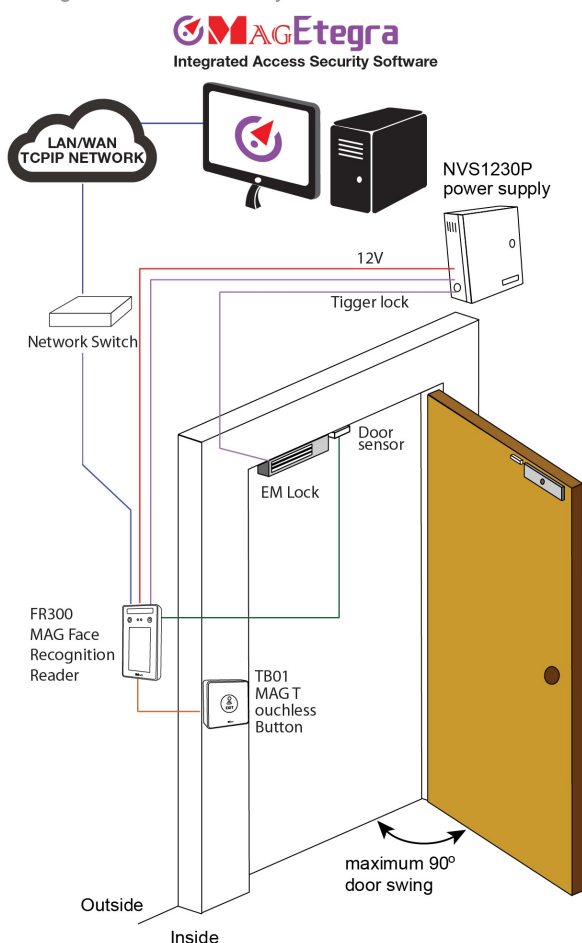
DX1 connect directly to network switch (LAN) using cat 5 cable. To achieve maximum scalability, new door can be added to any location with network point without worrying how to loop cable (RS485) from last reader point. Multiple DX1 can be connected into LAN for multiple single door application. If one door is down, the rest will still function independently at full capacity.

MagEtegra ME-ACS software allows simple time attendance, easier personnel maintenance and reader setting within LAN. Can clearly define when (time zone), how (face and/or pin) and which door (door group) an employee can access. Employee needs to scan their face in front of the reader. The electromagnetic lock will only release the door when the reader verifies a valid identity of the face. Single beep if successful and double beep if there are any errors.

All access data will be sent to the ME-ACS for 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.

Installation Diagram

Management office - main system



MagEtegra ME_ACS software is available in 4 versions; Lite, Standard, Pro Basic and Pro Advance. Support multiple client login, CCTV integration and alarm monitoring.

**Recommended for shaded outdoor use; do not expose to direct sunlight.

Feature

- LCD touch screen keypad for setting
- Direct TCPIP faster download speed
- 50,000 users
- Dynamic face detection range 0.5-3m
- Reject fake face (flat photo)
- Handsfree access without card
- Touchless button to open/close door for guest.

Ordering Information

Ordering code: DX1

Qty	Equipment
1 pcs	MAG FR320 face recognition reader
1 pcs	NVS1230P 12V, 3A power supply with backup battery
1 pcs	MAG EM Lock 600lbs
1 pcs	MAG TB01 touchless exit button

ME-ACS Lite free version only supports single reader. ME-ACS standard, Pro-Basic or Pro-Advance support multiple readers.

Upgrade Ideas

- Add a break glass for emergency exit.
- Add key switch for manual turn off to open door in case of equipment failure.
- Can add door sensor to enable alarm function or door opened too long warning.
- Upgrade MAG EM lock to LCJ electric dropbolt to support 2 way 180° door swing