

Access III & IV

The Intelligent Local Access Controllers



Access III and Access IV are local access controllers for single or dual entrances, respectively. These controllers are designed for maximum performance when several are connected to a Synel Master Control unit and are monitored by Synel's Falcon software. They are unique as they provide an overall solution for monitoring access through a passage.

Access III and Access IV may also be used to authorize employees in or out of restricted areas, and can operate without connections to any other equipment, on a stand-alone basis.

Access III & IV controllers are housed in a strong metal casing and are equipped with a tamper-proof switch. They are wall mounted in a concealed location, for maximum protection against tampering or vandalism.

Access III & IV are compatible with previous models, Access I & II, enabling parallel operation on the same line.



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Access III & IV

The Intelligent Local Access Controllers

Access III & IV are designed to provide a comprehensive solution for large scale access control installations. Their all-in-one design incorporates the full access control capabilities of Access Remote with enhanced I/O capabilities. Both controllers work in two modes of operation: **On-line** - operates on-line with a PC via the Master, and is controlled by Falcon software. **Off-line** - autonomic operation with complete setup via the keypad of the reader (no need for a PC).

Access III - Single Door

5 Inputs:

- Door sensor (indicates whether door is open or closed)
- Door open button (door open request)
- Sensor bell distress
- Sensor I
- Sensor II (sensors I & II are designed for general purposes, such as Falcon warning for opening a window or an emergency exit, which are not subject to regular monitoring)

4 Outputs:

- Door relay
- Output to alarm system
- Bell distress
- Bypass relay (disables alarm system when entry is legal and verified)

Access IV- Dual Door

5 Inputs:

- Sensor door I
- Door I open button (door open request)
- Sensor door II
- Door II open button (door open request)
- Bell distress button

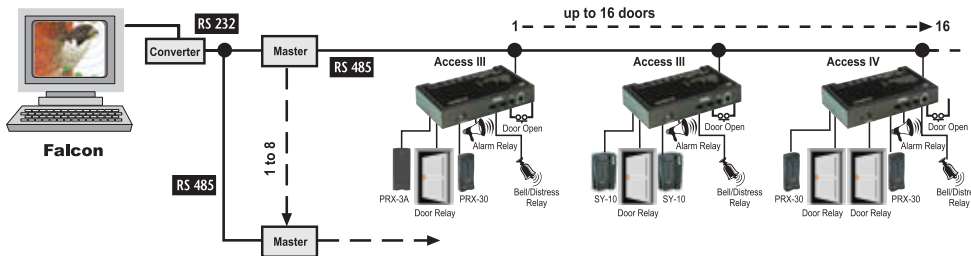
4 Outputs:

- Door II
- Door I
- Alarm relay
- Bell/distress relay

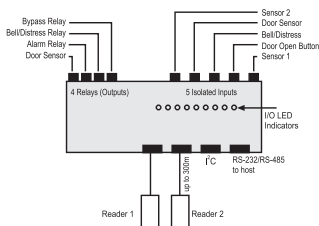
Technical Specifications

- Two connectors for badge readers such as PRX30, PRX-20, PRX-25, SY-1, SY-10 Series reader units and barcode
- Magnetic, proximity, 26 bit Wiegand and barcode readers can be connected
- Each reader in addition to reading lines connection is supported by three control lines. Control line serves LED and buzzer connections, designated for user indication
- 8Kb I2C EEPROM for user memory
- RS-485 and RS-232 communication
- Communication at limited mode terminal is 19200bps or at stand alone mode 9600bps
- Up to 4,000 permitted cards (in the stand-alone, or according to Master used in the on-line mode)

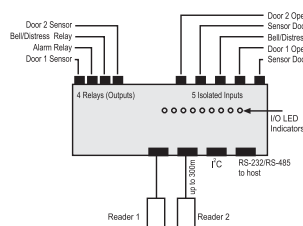
On-line Mode of Operation



Access III - Single Door



Access IV - Dual Door



Physical Characteristics

Dimensions: Height - 7 in. (18 cm)

Width: 4.4 in. (11.2 cm)

Depth: 1.4 in. (3.4 cm)

- Operating temperature: -23 to 113°F (-5 to 45°C)

- Relative humidity: 90%, non-condensing

- Power requirements: 12 V DC

- Power consumption: 1 watt



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