SY-400/A

Access Controller

The SY-400/A is an access controller for control of up to two doors, gates or other barriers. The SY-400/A is a part of a complete access control solution. All programming and monitoring functions must be done via PC with Falcon software. The SY-400/A can also produce time & attendance transaction reports.
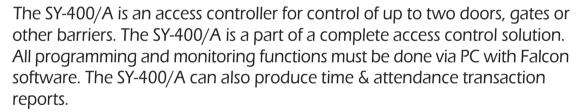
Two separate readers may be connected. Each badge reader may be used to open and record the use of a different entrance door, or both may be connected to different sides of the same door for independent control over entrances and exits.

Various readers can be connected to the SY-400/A, and they are adjusted to badges used by the client. Further, an optional PRintX unit can be connected for biometric validation purposes. Two separate sensors may be connected to verify passage and door closure, or to serve other purposes.

Some of the SY-400/A's most special features include:
Reliability - performance of local checks should a communication failure occur
Large storage capacity - 512 Kbytes
Dynamic memory management - between transactions and permitted list

SYNEL
Presence Perfect

SY-400/A

Access Controller

SY-400/A design particularly emphasizes on external devices fast-connection, such as readers, I/O, communication. This mode of connection without product disassembly is provided for quick and simple maintenance purposes.

Technical Specifications

- A direct connection of 2 readers: PRX-3A, PRX-30, SY-10, SY-1 and other existing readers
- Verification by finger print - PRintX
- 3 operation methods: card only, card & PIN, card & finger print
- Up to 30,000 permitted cards
- Up to 20,000 transactions
- Two doors normally close/normally open relays
- Door control sensor
- Time zone by type of day (working day, holiday, etc.)
- Calendar support
- Two methods of a validity check: local - independent of communication on-line - by SY-Server
- Communication - RS 232/485, modem, TCP/IP

Physical Characteristics

- Dimensions: Height: 11.0 cm
  Width: 23.4 cm
  Depth: 3.4 cm
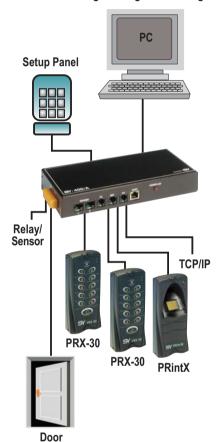- Power requirements: Voltage: 115/230 VAC

Options

- Internal modem
- Net connection (Ethernet)
  - flexible, well-developed IP protocol stack
  - Ethernet (10 BASE- T or AUI)
  - Telnet and SNMP management

Advantages

- Reliability - local checks in case of communication failure
- Large storage capacity 512 K Bytes
- Dynamic memory management between transactions and permitted list
- Cost-effective solution for small systems with few readers
- TCP/IP connection

Programming & Monitoring

PC

Setup Panel

Relay/Sensor

TCP/IP

PRX-30

PRX-30

PRintX

Door

Complementary Devices

Product	Description	Quantity	Catalog No.
Programming panel	Set-up purposes only	1	770730
PRintX	Fingerprint reader	1	1000400
I/O 4x4*	I/O Extension (N/A)	1	60430000
Readers	Designed for <u>only</u> two readers		
PRX-30	Proximity reader	2	60270004
SY-1	Magnetic reader	2	360055
SY-10/B	Barcode reader, connection up to 300m	2	01000102
SY-10/M	Magnetic reader, connection up to 300m	2	01000101
Reader unit	Reader barcode unit	2	60250000
Reader unit	Reader magnetic unit	2	60250200

ISO 9001:2000
(Quality Assured Firm)

FC
FEDERAL COMMUNICATION COMMISSION USA
PART 15

CE

SYNEL
Presence Perfect