

Monitoring and restricting the individual entry of a large number of people within a building is not easy. To protect a building from theft or damage, MAXSYS® allows simple and affordable access control integration with its alarm systems. The 2-reader access control module (PC4820) can be programmed to control separate doors or be used to control user access on both sides of the same door. The PC4820 supports a wide range of 26-bit Weigand readers, such as Polaris™, ioProx™, Shadowprox™, HID and Kantech XSF Technologies. The PC4820 also supports any request-to-exit detector, such as the T-REX™.



Product Features:

- ▶ Connect up to 16 modules
- ▶ Multiple reader technologies
- ▶ 2 supervised lock outputs
- 250 mA per output
- ▶ 64 user access levels
- ▶ 99 date schedules
- ▶ 4 holiday groups
- ▶ Non-volatile RAM (internal memory)
- ▶ Arm/Disarm partitions via access control
- ▶ PC4053 beige cabinet included

Plan Your Installation

When planning the design of a security system integrated with access control, it is helpful to first sketch out the proposed layout on paper or plot it using appropriate software. Doing this will help determine the total number of zones, additional expanders, access control points and other system components needed to complete the installation.

Once all points of access are known, locations can be chosen for access control. Be sure to place PC4820 modules so that the wire runs from each door are as short as possible.

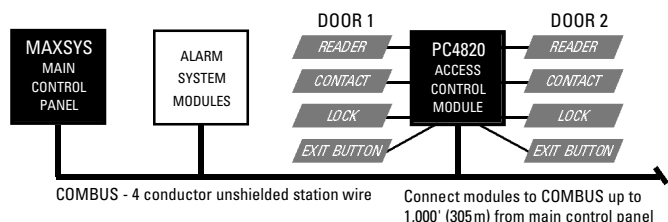
Access Card Readers

Each PC4820 module can control two access card readers. The readers can be installed on one door to control both entry and exit, or on two separate doors to control access in one direction only.

Access Levels

Access levels allow specific users to have access to areas of the system at various times during the day. Each door can have multiple access levels assigned to it, but will follow one date schedule. There are 64 access levels available for each door.

Typical System Arrangement



Ordering Information:

PC4820	2-Reader Access Control Module
PC4020	MAXSYS 16-128 Zone Control Panel
PC4053	Beige Cabinet
MAX-KIT	MAXSYS Access Control Kit
P225W26	ioProx Reader
P40KEY	ioProx Dual-Encoded Proximity Keys



MAXSYS Access Control Kit

This affordable package is the perfect access control starter kit. It has all the essentials you need: control panel, access control module, reader and keys in one low-cost package. And, if needed, the system can be easily expanded.

Includes:

- 1 PC4020 control panel
- 1 PC4820 2-reader access control module
- 1 P225W26 ioProx reader
- 10 P40KEY ioProx dual-encoded proximity keys

Compatibility

The PC4820 is monitored and programmed via MAXSYS PC4020 control panels. The PC4820 supports a wide range of 26-bit Weigand readers, including:

- Polaris™
- ioProx™
- Shadowprox™
- HID
- Kantech XSF Technologies

Specifications

Dimensions	7 3/16" x 4 3/4" (182 mm x 121 mm)
Output Voltage	13.8 VDC
Battery	12 V, 7.0 Ah rechargeable lead acid
Transformer	16.5 VAC, 40 VA
Power Capacity Per Door:	
Reader	125 mA (Max) @ 5 VDC/12 VDC
Lock	250 mA @ 12 VDC
Regulated Power Supply	1.5 Amp
Auxiliary Output Supply	125 mA (Max) @ 12 VDC
Current Draw	35 mA (from COMBUS)
Operating Environment	32° to 122° F (0° to 50° C)
Relative Humidity	5% to 85%

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