

IC 2000

Intelligent Controller

The IC2000 controller suits all high security environments, requiring integrated on-line access control and alarm monitoring from medium size to complex multi-site installations.

Key Features

- 2 door/ 4 reader controller
- 10240 cardholders standard (upgradable to 44k)
- Redundant communication bus (option)
- Plug-in input, output and TCP/IP expansion
- Compatible with many types of reading technologies
- 8 inputs, 4 relay outputs
- FLASH upgradable memory
- Full LED diagnostics

The IC2000 intelligent controller is a cost effective solution to manage 2 doors with reading in and out.

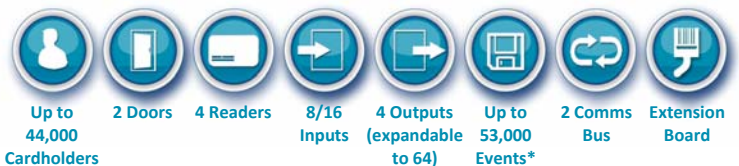
High capacities are reached via the IC2000's RAM dynamic allocation between card holders and events buffer. This allows maximum capacities of 44,000 cardholders or 53,500 events in memory according to the on board ROM

The controller has **8 inputs & 4 Outputs** (including 4 supervised inputs). It can be extended to 16 inputs & 64 outputs (including 12 supervised inputs) with the addition of a plug in extension board and 3 satellites extension Boards.

Multiple communication channels:

- * Serial RS232 or RS485 communication port
- * Optional second RS485 communication bus specially developed for redundant communication,
- * TCP/IP interface available from a plug in extension board
- * Wireless option to replace RS-485 device. "Point to Point" only

Boosted communication security is achieved through an optional second serial bus for communication with the host. Communication encryption and use of specific technologies, providing maximum protection against communication loss which also reinforces the security



* Expandable dependant on cardholders



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Technical Specification

Number of Doors	2
Number of Readers	4
Relay Outputs	4
Alarm Input	8
Event History	53,000
Card Holders	10240 (upgradable 44K)

Physical

IC2000 PCB	158 (H) x 149 (W) x 2 (D)
IC2000 - JX	270 (H) x 420 (W) x 70 (D)

Environmental

Operating Temperatures	-10°C to +55°C
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Electrical

Power Supply	12vDC
Input Current	120mA @ 12vDC
Battery Backup	12vDC 7.2Ah

Operational

Communication	RS232, RS485, TCP/IP Wireless 485
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JX Power Supply Enclosure

Total Available Current	3.5 Amp
Lead Acid Battery Load	13.7vDC @ 2A
Regulated Load	12vDC @ 1.5A
Non-Regulated Load	12vDC @ 2A

Part Numbers

IC2000-JX	2 door/4 reader controller with Flash Memory. Housed within a 3.5A 12vDC Power Supply with lock and Keys
IC2000 PCB	2 door/4 reader controller with Flash Memory. PCB board only
JX	IC2000 controller housing & 3.5A power supply

Options

EXT IRLED	Plug in extension board with 8 supervised inputs, 4 relays and 4 LED controls for card readers
RLY-12	12 relay extension board
EXT TCP/IP	Extension board offering TCP/IP interface, RS485 bus to other IC controllers
RCB	Redundant communication bus kit for adding a 2nd comm bus
LP	Lightning protection for IC controller
WRS-485	Wireless RS-485 device to replace wired RS-485. Use for "Point to Point" only. Sold as a pair
USB/485	USB to 485 communication interface
BBU	Battery Backup

Contact us Today

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