

# IC 1604

## Intelligent Controller

The IC1604 controller offers an optimal solution for real-time monitoring of numerous alarm points (PIR's, fire detectors, etc.) and provides the extra outputs that can be used for triggering other devices such as lighting, CCTV matrix, etc.

### Key Features

- Dedicated I/O controller
- 16 Inputs expandable to 24 inputs
- 4 relay outputs expandable to 64 outputs
- Redundant communication bus (option)
- FLASH upgradable memory technologies
- 6 Layer PCB for increased protection

The dedicated I/O controller has a high capacity: it directly controls 16 digital supervised inputs and 4 outputs. The capacity can be extended to 24 supervised inputs and up to 64 outputs. The IC1604 can be used alone or mixed on a single network with other Sensor Access controllers.

Each input is supervised which means that it controls the contact itself (sensor under alarm or not) and the status of the line (normal, short or cut).

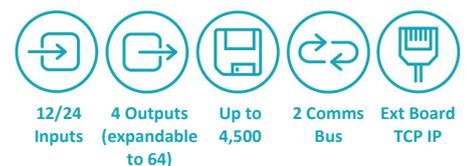
4,500 alarm events can be recorded in the controller internal memory.

Programming and supervision of the IC1604 are extremely user-friendly via the use of GuardPoint Pro software. Once programmed, the operating tables are downloaded to the IC1604 and define the system behavior:

- Inputs physical status: 'N.O.' or 'N.C.'
- Input state: 'Armed' or 'Disarmed', either manually or according to time zones
- 'Reflexes': activation of one or several outputs upon detection of specific input(s) status

### Communication channels are multiple:

Serial RS232 or RS485 communication port  
Optional second RS485 communication bus  
TCP/IP Plug in extension board



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### Technical Specification

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Number of Doors	0
Number of Readers	0
Relay Outputs	4
Alarm Input	16
Event History	4,500

#### Physical

IC1604 E1      315 (H) x 260 (W) x 85 (D)

#### Environmental

Operating Temperatures    -10°C to +55°C

#### Electrical

Power Supply	12vDC
Input Current	60mA @ 12vDC
Battery Backup	12vDC 7.2Ah

#### Operational

Communication                RS232, RS485, TCP/IP



### Part Numbers

IC1604 E1      Input & Output Controller with 1  
Amp PSU



### Typical Applications

- Government
- Defense Applications
- Commercial & Blue Chip