



303-IM

The **303-IM** is Part of **DoorTek's 300-IM Hardware Line..** It provides high density, configurable inputs for monitoring sensors including door contacts, motion detectors, glass break sensors, temperatures alarms, fire alarm panel outputs and other systems that need to be supervised and have their real-time status displayed.

This controller is part of a modular system that allows the designer to combine readers (301-IM), inputs (303-IM) and outputs (305-IM) as needed to meet the requirements of the application.

## Features

### Operations

- Real-time clock for time/date based operation
- Low power consumption
- It's Small foot print PCB allows for combining many interface modules in a small area.

### Inputs/Outputs

- 16 Multi-state inputs
- Configurable for 2, 3 or 4-state supervision
- Extensive transient protection for better reliability
- 4 Multi-Purpose Form-C relay outputs
- Removable screw-down terminal blocks for easy board replacement.

### Programming

- On-board replaceable lithium battery maintains critical memory for up to two months if all power is lost.
- Flash memory for rapid firmware upgrades
- Watchdog timer
- Auto-detection of new panels.
- Auto-configure of new panels
- Automatic Device Assignments.
- Automatic Downloads.

### Communications

- Supports up to 32 modules (301-IM, 303-IM, or 305-IM) on a multi-dropped single comm line or TCP/IP connection .
- High baud rate RS485 Communication

