



Standalone

Anti-passback

User friendly

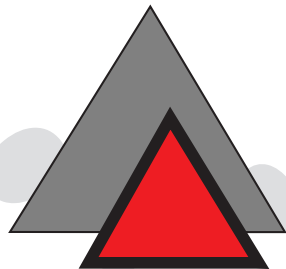
Up to 2000 users



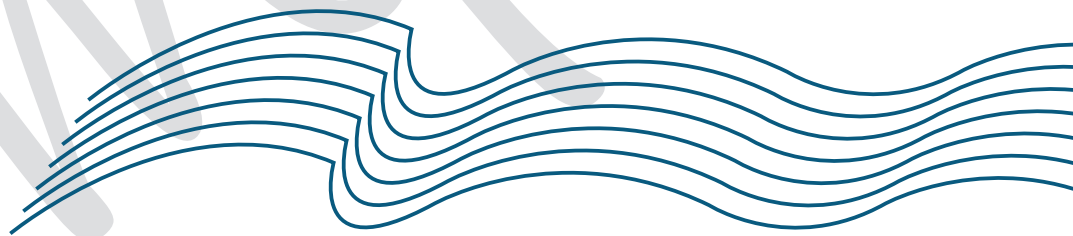
Access Control for up to **two doors**

Multi-Scan II

Access Control with full anti-passback



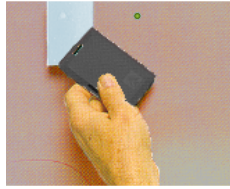
impro[®]



Multi-Scan II System



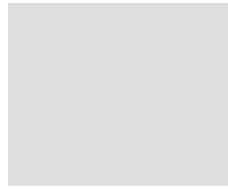
Micro-Imp Encapsulated Mullion Reader



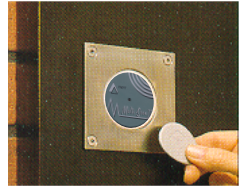
Range of tags



Intelligent Remote Relay



Stainless Steel Reader



Multi-Scan II



impro®

Simple and Effective Access Control

Using Impro's state of the art, 125 kHz proximity technology, a complete standalone passive transponder access control system for single or two door applications with full anti-passback facility and up to 2000 users is now available in the Multi-Scan II. It is ideal for apartments, council houses, small offices, industrial premises and doctors' surgeries.

Multi-Scan II features:

- Easy-to-use LCD menu system directs both editing and installation procedures.
- Three levels of tags supported (Installer, Editor and User) Normal or full anti-passback selection.
- User tags are individually allocated access to one or both doors.
- Power Saving when all tags are out.
- "Reader Block" input to deny entry to user tags.
- "Door unlock" input to unlock both doors.
- Pushbutton 'Request to enter' inputs to open each door.
- Alarm Relay operates if either door forced open or Reader communication failure.
- Readers and Remote Relays may be located up to 500 m away from the Controller.
- Database copy facility, ensures fast commissioning of multiple Controllers.
- Choice of four Readers.
- Remote Relay for minimizing latch cabling.

Specifications for Controller

16 MHz INTEL 80C251 CPU

Power requirements:

Controller: 10 V to 14 V AC,
12 V to 16 V DC 500 mA (max)
with 2 terminals connected

Size (Controller): 220 mm X 120 mm X 53 mm

Inputs: 4 x Dry contact inputs

Relay outputs: - Door 1 latch
- Door 2 latch
- Power saving
- Alarm relay

Relay SPDT Contacts: 120 V AC/28 V DC @ 10 A

Tag reading distance: 60 mm to 120 mm

LED Indicators: 4 LEDs

Buzzer: On-board buzzer

Specifications for Readers

Four types of readers available:

- Micro-Imp encapsulated mullion Reader
- Mlni-Imp Reader
- Stainless Steel Vandal-resistant Reader with or without S/S hood

Processor: 4 MHz Microchip PIC Processor.

Power requirements: 9 V to 16 V DC @ 75 mA

Status indicators: Single bi-colour LED,
Access Allowed/Denied.

Positioning: Readers should be positioned at least 500 mm away from each other. Cannot read through metal.

Specifications for Remote Relay

Processor: 4 MHz Microchip PIC Processor

Power requirements: 9 V to 16 V DC @ 75 mA

Size: 64 mm x 44 mm x 29 mm

Relay SPDT Contacts: 120 V AC/28 V DC @ 10 A

Catalogue pages available: (Ref: MSC30700GB)



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