



**REX1-s**



**REX1-i**

## Contactless Door Egress Device series

### Design Philosophy

- Match OEM reader design in order to maximize the marketing value at the door.

### Abbreviation

- “i” version – Intelligent Request to Exit button. Model with chimer and sirens.
- “s” version – Safety Request to Exit Device. Model with simulated Break Glass function.

### Technology & Function

- Capacitance Proximity Technology has been used instead of Infar-red technology – environmental independent technology.
- When the device is activated, indicator light will change color with an audible tone – very user friendly.
- Icon indicators to alert the user for Door Held Open, Fire Alarm and Mains Failure situation.
- Build-in Door Chimer to interact with the “\*” sign on Magic series Number pad reader.
- Build-in tamper pre-warning function to prevent somebody accidentally pull off the cover (REX1-s only).
- Both REX1-i & REX1-s have build-in Fire Alarm input. If the fire input activated, the siren will sound and LED will flash. The lock will be released automatically (REX1-s only).
- Simulated Break Glass function. When activated, both Visible and Auditable alert will trigger to provide better indication of the door location under emergency situation (REX1-s only).
- Support Remote Control (433MHz) to trigger the REX remotely.

### Friendly Installation



All inputs are 12Vdc protected.



Non-drop bottom screw made servicing handier.



Reverse power protection.




Stainless steel Security screw is an option



All input and output signals are protected against static charges.

## Specification:

Model	REX1-i	REX1-s
Functions		
<b>Functional Specification</b>		
Request to Exit indication	Color changes from Blue to Green with a beep	
Request to Exit output	Dry contact output for 1 seconds (NC/NO selectable)	
RTE Output	NC/NO jumper selectable rated @ 30Vdc; 1A (dry contact)	
Remote Button (Optional)	433MHz (Max supports 5 remote buttons at the same time), 	
Door Held Open (DHO) icon	The icon will change to blue and beep every 5 seconds	
DHO High/Low level input jumper	High/Low level input jumper selectable	
Buzzer for DHO and RTE activate	Jumper enable/disable	
Main Power failure Indicator	Mains failure dry contact output from Power Supply. The icon will change to orange when activated	
Fire Alarm Indicator	The icon will change to red and siren will activated	
Fire Alarm Input	When trigger, back lit will flash in Red the siren will activate	When trigger, the lock will release and back lit will flash in Red & siren will activate
Speaker	Equipped for Door Chimer and Siren	
Alarm Output	Dry contact output follow the Fire input (NC/NO selectable)	
“Break Glass” function	N/A	Pull the cover off
Tamper protection	N/A	Pre-warning when 1/3 pull up; Alarm output when the cover got pull out.
Dimension	95 (L) X 94 (W) X 14 (H) mm (above surface)	
<b>Technical Specifications</b>		
Typical Read range	~3 to 4cm	
Electric Lock bypass relay	N/A	30Vdc; 2A (max)
Electric Box Requirement	Fit with UK gang box standard	
Weight	150g	

## Operating Specification:

Operating Voltage	10 - 15VDC	Case material	PC+ABS
Operating Current	150mA (max @ 12Vdc)	Standard Color	Black & White
Operating Temperature	-20°C-60°C	Operating Humidity	10% - 90%