



## eREX, iREX & SRED Contactless Door Egress series

### Design Philosophy

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

### Abbreviation

- eREX – Economic Request to Exit button
- iREX – Intelligent Request to Exit button
- SRED – Safety Request to Exit Device

### Technology & Function

- Proximity Technology has been used instead of Infrared technology since it is not easily being triggered by air ventilation system.
- When the device is activated, indicator light will change with an audible tone.
- Icon indicators for Door Held Open, Fire Alarm and Mains Failure situation.\*
- Include traditional Break Glass function with Visible and Auditable alert added to provide better indication of the door location under emergency situation.
- If the power input is from UPS, SRED could even support Fail Secure lock.
- Build-in Door Bell tone on SRED and can be triggered by Magic series OEM number pad reader by pressing the “\*” sign.

### Friendly Installation



All inputs are 12Vdc protected.



Stainless steel Security screw is an option



Non-drop bottom screw made servicing handier.



All input and output signals are protected against static charges.



Reverse power protection.

## Specification:

Functions	Model	eREX	iREX	SRED
<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 (dry contact)				NC/NO jumper selectable
Door Held Open Indication icon	N/A			The icon will change to blue and beep every 5 seconds
Door Held Open High/Low level input jumper	N/A			High/Low level input jumper selectable
Buzzer		Jumper enable		N/A
Speaker		N/A		Yes
Main Power failure		N/A		The icon will change to orange and siren when activated
Fire Alarm Indicator		N/A		The icon will change to red and siren when activated
Fire Alarm Output		N/A		Dry contact output follow the Fire input (NC/NO selectable)
Simulated “Break Glass” emergency function		N/A		By pull off the Sleeve (cover)
Pre-alarm Indication		N/A		Pull the Sleeve half way up
Battery Back up		N/A		Enable/Disable by jumper. It activate when Main Power is failed
Dimension	88(L) X 80(W) cm		89(L) X 90.3(W) X 1.15(H) cm	
<b>Technical Specifications</b>				
Typical Read range				~3cm
Electric Lock bypass relay				30Vdc; 1A (max)
Battery backup time		N/A		Rechargeable, 5 mins backup time for visible and audible tone

## Operating Specification:

Operating Voltage	10 - 15VDC	Case material	PC+ABS
Operating Current	120mA (max)	Standard Color	Follow Custom Design
Operating Temperature	-30°C-70°C	Operating Humidity	10% - 90%

Note: “\*” means only available on SRED