



## eREX, iREX & SRED Cont actless 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 Infar-red 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 trigger by Magic series OEM number pad reader by pressing the “\*” sign.

### 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	eREX		iREX	SRED
Functions				
Functional Specification				
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	
Technical Specifications				
Typical Read range	~3cm			
Electric Lock bypass relay	30Vdc; 1A (max)			
Battery backup time	N/A			Rechargeable, 5 mins backup time for visible and auditable tone

**Operating Specification:**

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

**Note:** “\*” means only available on SRED