ICED-S   **ICED-i**

Intelligent Control Egress Device series

Design Philosophy

● Contactless Egress Button integrated with Door Controller (all-in-one) – **simple to install but SAFE**.
● Friendly Installation – One "ICED-s" can replace the Exit Button, Break Glass Unit, Door Controller as well as the Remote Exit Button.
● Safe – The lock control is inside the premises.

Abbreviation

● ICED-i : Single Door Controller embedded with Basic Contactless Exit device
● ICED-s : Single Door Controller embedded with Contactless Exit Device and Break Glass Simulated functional device

Egress Technology & Functions

● More reliable capacitive proximity technology has been used instead of Infar-red technology, which will NOT false trigger by ventilation, sunlight, white object; and the read range will not detent.
● 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.*
● Simulated Break Glass function with Visible and Auditable alert to provide better indication of the door location under emergency situation (*only available for "s" version*).
● Build-in Door Chimer and can be trigger by Magic series number pad reader by pressing the "*" sign.
● Remote button is available as an option.

Door Controller Functions

● Can support any Wiegand output reader and IN/OUT reader module is an option.
● Support Card Only; Card plus PIN; and PIN only mode. PIN is definable from 4 to 8 digits.
● Support 2000 card capacity and 20,000 audit records.
● User can set their own Add/ Delete/ Clear function card – easy to manage when standalone.
● Support Keypad Programming.
● Function Cards can only be use after activation of the Egress Device inside – to make sure the person can enter the premises.
● Time schedule allow user to define Door Unlock mode. Supported "Timed Unlock" or "Trigger Unlock" mode.
● One dry contact input for door unlock & one definable alarm output.

FC

SMARFID

Specification:

Functions \ Model	ICED2-i	ICED2-s
Functional Specification		
Request to Exit indication	Color changes from Blue to Green with a beep	
Dry Contact Input	For Door Unlock (NC/NO can be defined by SW only)	
Local Alarm	LED flashing in RED & Siren turn ON	
Tamper Alarm	Local Siren will be triggered when the cover is removed	
Fire Alarm Input	Trigger Siren & Alarm output	Trigger Siren, Alarm output & Door unlock
Definable Alarm Output	NC/COM/NO 30Vdc @ 1A (max) (dry contact)	
Buzzer	Can use SW to turn ON or OFF for REX activation and DHO only	
Indicator(s)	Door Help Open, Fire Alarm, Mains failure	
"Break Glass" emergency function	N/A	Hit hard at the center of the cover
Remote Button (Optional)	433MHz (Max supports 5 remote buttons at the same time.)	
Function Cards	Add/Delete/Clear	
Card Capacity	2,000 card number (expandable)	
Audit Record	20,000 events	
Reader Connection	Wiegand / Support IN/OUT readers Configuration (Optional)	
Typical Read range	~3 to 4cm	
Maximum Controllers in one loop	64 Controllers (ICED)	
Dimension	118.2 (L) X 74.2 (W) X 8.5 (H) mm (above surface)	
Electric Lock bypass relay	30Vdc with 2A (max) (s version)	
Weight	184g	

FCC Caution.

§ 15.19 Labelling requirements.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

Wiring Diagram: