

iREX™

Intelligent Request-to-Exit Detector



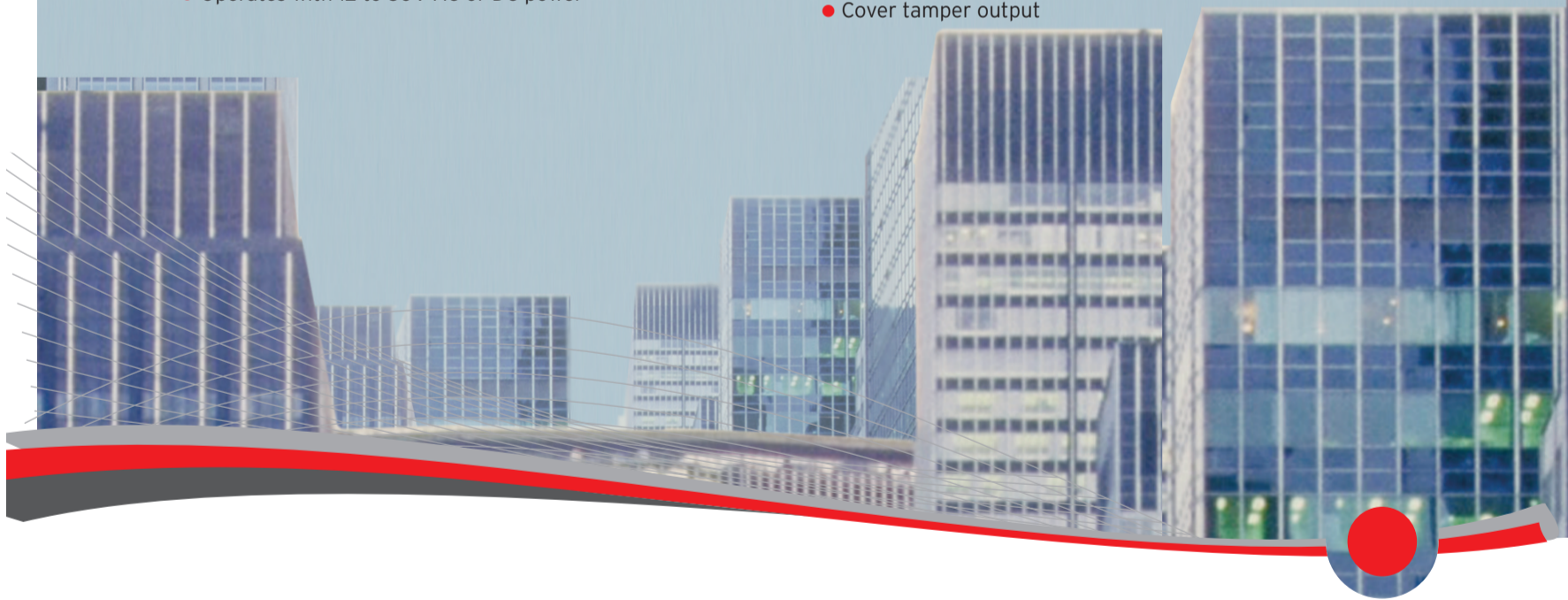
iREX and **iREX Plus** are intelligent PIR detectors specifically designed for a wide variety of request-to-exit applications. Both iREX and iREX Plus - with **IQ Logic™** for added security - meet the most stringent request-to-exit requirements. iREX detectors have ample wiring space and are quick and easy to install. Advanced technology and attention to quality guarantee excellent performance.

iREX Main Features:

- Digital PIR motion detection
- Wall or ceiling mount up to 4.6m (15')
- Remote input for Parallel Door Control - the door lock opens either upon iREX motion detection OR from an external device
- Selectable Fail Safe or Fail Secure mode
- Adjustable relay latch time
- Single or double door use: Two "Form C" Relays, selectable NC or NO
- LED for walk-test
- Operates with 12 to 30V AC or DC power

Additional Security Features on iREX Plus

- IQ Logic™ provides added security, by enabling iREX motion detection only after an external device has been activated (such as a floor switch, additional PIR or Intruder alarm system disarmed)
- Door Secure Mode prevents unwanted persons from entering following a valid exit
- Internal buzzer - 85dB with adjustable volume and direct external activation
- Door Alarm Mode activates the buzzer if the door is forced or left open too long
- Cover tamper output



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IQ Logic™ provides "Intelligent Queuing" for enhanced security.

IQ Logic™ enables iREX motion detection only on condition that an additional device has previously been activated (such as a floor switch, additional PIR, Keycard or burglar alarm system disarmed). IQ Logic™ allows locking of the detector and eliminates the possibility of unauthorized entry by objects being slid under the door.

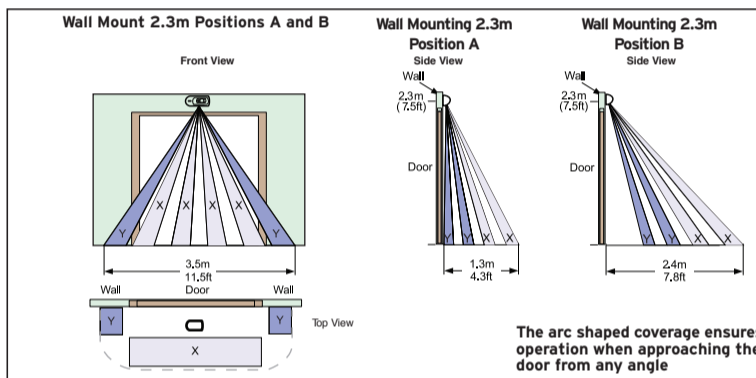
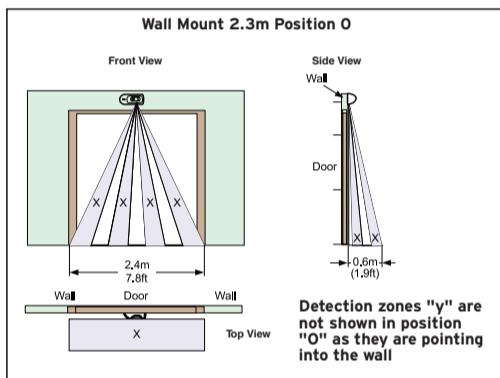


Did you know?

Building Codes in many US states and in other countries require that access-controlled exit doors must include two separate devices that allow safe exit, by removing power from the door lock:

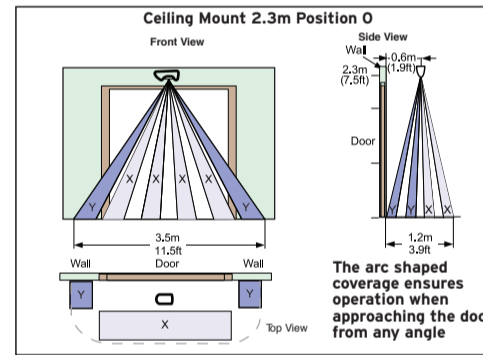
1. A Request-to-Exit detector device that detects an occupant approaching the door.
2. A manual request-to-exit push-button device installed on the wall next to the door.

Coverage Patterns
Rotate the lens position according to required detection range



Technical Specifications:

Electrical	
Voltage	12-30 Volts DC or AC
Current Consumption	8 mA standby , 25 mA (Relay+LED), 44 mA maximum (Buzzer+Relay+LED) at 12/24 VDC
Relay Output	1A @ 30 VDC or VAC, two form "C" contacts
Tamper Output	50 mA @ 30 volts DC or AC
Detection System	
Mounting Height	2.3m - 4.6m (7.5' - 15')
Detection Range	Up to 2.4m (8')
Physical	
Dimensions (LxHxD)	177mm x 50mm x 45mm (7" x 2" x 1.8")
Weight	0.15Kg (0.3lb)
Colour	White or Black
Environmental	
RFI Immunity	30 V/m from 10MHz to 2GHz
Operating & Storage Temperature	-20°C to 60°C (-4°F to 140°F)



Ordering Information:

Part Number	Description
RK700PROW00A	iREX Request-to-Exit Detector, White
RK700PROB00A	iREX Request-to-Exit Detector, Black
RK700PRP00A	iREX Plus Request-to-Exit Detector, White
RK700PRPB00A	iREX Plus Request-to-Exit Detector, Black



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