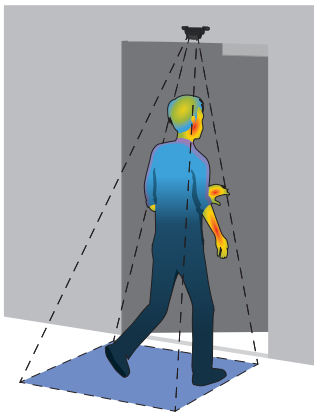
FLY KIT

COMPACT PASSIVE INFRARED REQUEST TO EXIT SENSOR

PRIMARY APPLICATION



Reduces False Detections by Detecting Both Presence and a Change in Temperature

DESCRIPTION

BEA's Fly Kit is the industry's most compact passive infrared (PIR) sensor, ideal for request to exit (REX) applications.

This low-cost, versatile sensor can be surface mounted above any door, as well as on the ceiling or wall. The Fly Kit also includes an optional flush mount housing. Its flexibility and low profile design make it an effective sensor for managing building security and traffic flow.

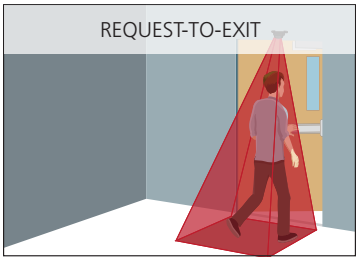
FEATURES & BENEFITS

- Sensing field adjustment masks provide accurate detection zones (2 included)
- DIP switches for user-defined settings
- Extended Relay Time (ERT) version is available for hold times of 15 or 30 seconds
- Compact, aesthetically pleasing design
- Packages include both ceiling and surface mount adapters

BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

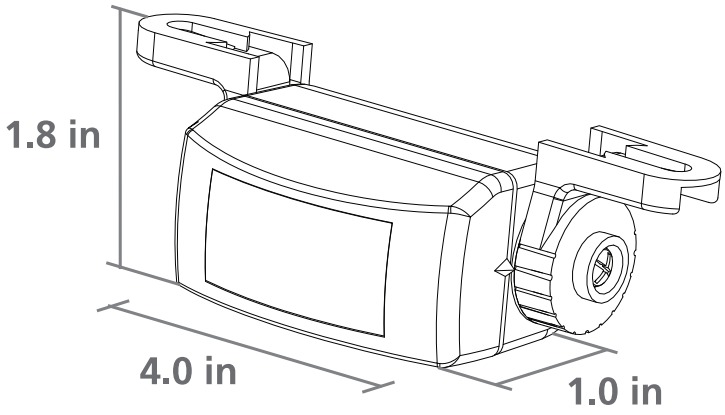
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	Passive Infrared
Mounting Height	Recommended: 78 to 96 in (6.5 ft to 8 ft) Maximum: 120 in (10 ft)
Mounting Angles	0° to 180°
Power Supply	12 to 24 VAC; ±10%; (50/60 Hz) 12 to 24 VDC; -10% / +30%
Current Consumption	<10 mA (20 mA if the relay output is activated)
Contact Rating	1 A / 75 VDC or 50 VAC potential free contact NO/NC
Optical Characteristics	Passive infrared with four elements 15 Fresnel lenses with full independent masking possibilities
Warm-up Time	10 s
Response Time	Maximum: 200 ms
Relay Hold Time	
Standard Fly	0.5 or 2 s
Fly Extended Relay Time	15 or 30 s
Operating Temperature	-22°F to +140°F (-30°C to +55°C)
Cable	108 in (9 ft) four-conductor cable with 5-pin connector
Weight	1.4 oz (40 g)
Sensor Dimensions (LxW×H)	4.0 in × 1.0 in × 1.8 in

DIMENSIONAL DRAWINGS



RELATED PRODUCTS

FLY KITS

10FLYKITB – INCLUDES: 10FLYBLK, 10FSABLK, 10FCABLK

10FLYKITBERT – INCLUDES: 10FLYBLKERT, 10FSABLK, 10FCABLK

FLY KIT COMPONENTS *(not sold separately)*

10FLYBLK
STANDARD SENSOR – BLACK

10FLYBLKERT
EXTENDED RELAY TIME – BLACK

10FSABLK
FLY SURFACE ADAPTER – BLACK

10FCABLK
FLY CEILING ADAPTER – BLACK

SENSING FIELD ADJUSTMENT MASK

70.0011
108 INCH CABLE

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