

FLY KIT

BEA'S SMALLEST & MOST ACCURATE PIR SENSOR



Note: Only one (1) Fly sensor included with each kit

SLEEK AND RELIABLE PASSIVE INFRARED TECHNOLOGY

Ceiling or Surface Mounting

DESCRIPTION

The **FLY** is a sensor utilizing passive infrared technology, small enough to fit in the palm of your hand.

The **FLY KIT** is a package containing the standard Fly sensor, the ceiling mount adapter and the surface mount adapter, all available in either a black or white finish.



EN

Recessed Ceiling Mount (FCA) ■



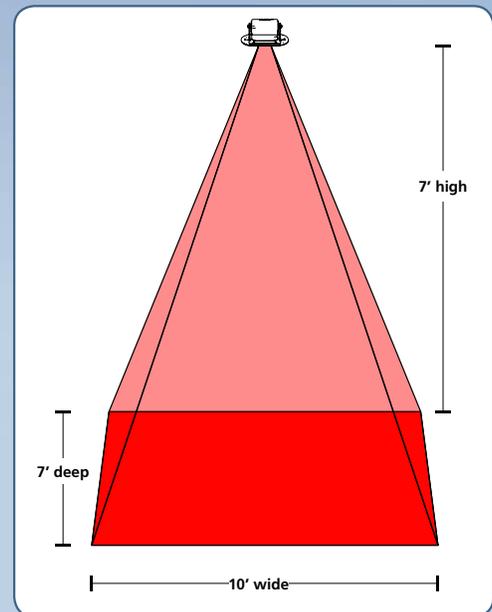
Featured as a part of BEA's Security product line, the Fly provides a simple PIR solution.

The Fly recognizes objects emitting a heat signature within its detection zone, such as a person.

This type of technology is ideal for applications where debris or inanimate objects may cause false detections.

Passive Infrared Detection Zone ■

■ Sensor Pattern



FEATURES

- Cost effective kits make the Fly an economical sensor perfect for many security applications.
- The microprocessor provides a highly accurate detection zone that is easily field adjustable.
- Passive infrared (PIR) technology provides a reliable signal for request to exit (REX) applications.
- DIP switches and sensing field adjustment mask allow for custom, user-defined settings.
- An Extended Relay Time (ERT) version is available for hold times of 15 or 30 seconds.



REQUIRED DETECTION CRITERIA



DETECTS PRESENCE AND A CHANGE IN TEMPERATURE

REQUEST TO EXIT PRODUCT FAMILY



ELECTRIC STRIKES



MAGLOCKS



REX PUSH BUTTONS



Br3 LOGIC MODULE

APPLICATIONS

- Releasing a maglock or electric strike on manual or automatic doors
- Request to Exit (REX) applications
- Controlling traffic flow

10FLYKITBLK COMPONENTS



FLY / FLY ERT
Std. Fly Sensor / Fly ERT Sensor



FSA
Fly Surface Adapter



FCA
Fly Ceiling Adapter



FLY / FLY ERT
Std. Fly Sensor / Fly ERT Sensor



FSA
Fly Surface Adapter



FCA
Fly Ceiling Adapter

10FLYKITWHT COMPONENTS

INCLUDED COMPONENTS



Sensing Field Adjustment Mask



9' 0" Cable

TECHNICAL SPECIFICATIONS

Technology	Passive Infrared with microprocessor
Mounting Height	Recommended: 6' 6" – 8' 0" Maximum: 10' 0"
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 seconds
Response Time	Maximum: 200 microseconds
Relay Hold Time	Standard Fly 0.5 or 2 seconds Fly Extended Relay Time 15 or 30 seconds
Operating Temperature	-22°F to +140°F (-30°C to +55°C)
Immunity	Electrical and radio frequency interference
Cable	9' 0" of 4-conductor cable with 5-pin connector
Weight	1.4 oz (40 g)
Sensor Dimensions (WxHxD)	4.0" x 1.5" x 1.0"

Specifications are subject to change without prior notice.

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