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.
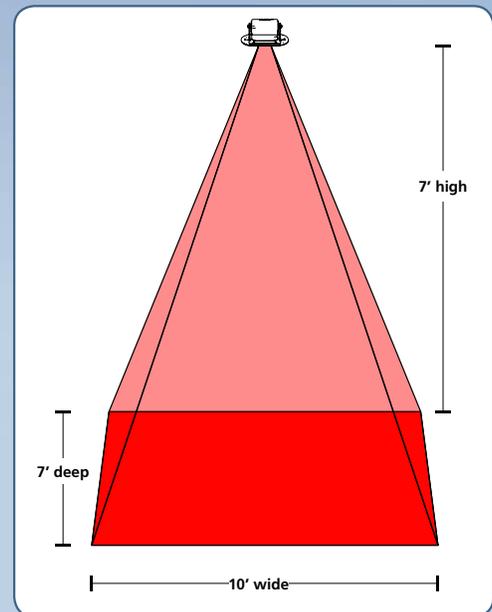
Recessed Ceiling Mount (FCA)

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**

7' high

7' deep

10' wide

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.

DETECTS PRESENCE AND A CHANGE IN TEMPERATURE

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

10FLYKITWHT COMPONENTS

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

FSA
Fly Surface
Adapter

FCA
Fly Ceiling
Adapter

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" × 1.5" × 1.0"

Specifications are subject to change without prior notice.