



## Eagle - K-Band Microwave Door Sensor



EAGLE

Mfg #	EZ #
EAGLE	091146

- Utilizes K Band microwave technology, which is universally compatible with all swinging, sliding, bi-folding and revolving automatic doors and avoids any interference from cell phones, CB radios, etc...
- "3-D" adjustable planar antenna assures the activation pattern is positioned precisely where it needs to be according to traffic conditions.
- Technologically advanced microprocessor screens out interferences caused by rain, snow, radio frequency and header vibration.
- Can detect motion as slow as 2.2 inches per second, ideal slower moving individuals.
- Detection Area: Wide pattern 12' Wide to 6'6" Deep, Narrow pattern 6'6" Wide to 8' Deep
- LED Detection indication
- Can be adjusted manually or by optional Remote.
- Can also be used for Alarm Applications



The Eagle's flat antenna provides a stable detection that can detect people approaching the door from odd angles.



The Eagle offers extra immunity protection for precise activation zones needed on swinging doors.

## Bodyguard- Infrared Door Sensor



BODYGUARD



SENSOR REMOTE

Allows technicians to remotely adjust the settings used for BEA sensors: Wizard, Falcon, Eagle, Bodyguard, & DK-12 models.

Depending upon the sensor the following can be adjusted by the remote.

- Sensitivity: 1-9
- Relay Output: NO or NC
- Detection Mode: Uni or Bi Directional
- Immunity: Varying Levels to Sun & Frequency Interference
- Sensitivity: Of Detection
- Pattern Width: Up to 9 Patterns on Bodyguard
- Pattern Depth: Up to 6 on Bodyguard

- Diffused active infrared technology provides presence detection for any swinging or bi-folding application.
- Sophisticated rain and snow mode. Tracking feature automatically adjusts to changes in the background.
- Ability to turn off threshold row, even when the door is open. Allows for ease of set-up for the double egress swing door applications.
- Disregards door "drift". Improved tracking feature provides ability to ignore drifting doors caused by wind conditions and loose pivots.
- Advanced microprocessor recognizes door-open and door-closed position to allow for maximum presence detection.
- Nine selectable patterns accommodate a single or a pair of doors. Closed Door 4' deep by 7' wide maximum pattern, Open Door 5' deep by 7' wide maximum pattern

Mfg #	Description	EZ #
BODYGUARD	Header Infrared Presence Sensor	091145
SENSOR REMOTE	Remote For Bodyguard & Eagle	091150



Provides protection in the swing path of the door.



Floods the threshold with presence detection when door is open.

## Fly - PIR Request to Exit Motion Detector

- Designed for use for access control request-to-exit applications with maglocks and electric strikes.
- Passive infrared detector that uses digital signature analysis for activation. Not recommended for activation on pedestrian automatic doors because the detector recognizes temperature changes (i.e. body temperature) for detection. As such, the Fly will not recognize motion associated with inanimate objects such as hospital beds, gurneys, & shopping carts
- Features are fast detection, adjustable sensing fields, and no false detection from inanimate objects.
- LED Lights up when a presence is detected.
- Mounting Height - Variable 10'-0" max. (Recommended 6'-6" to 8'-0")
- Power Requirements 12-24 VAC/VDC @ 20mA
- Contact Rating (Output Relay) 1 A/ 75 VDC or 50 VAC Potential free contact NO/NC
- Response Time Max 200 microseconds
- Relay Hold Time: 0.5 or 2 seconds
- Immunity Immune to electrical and radio frequency interference
- Cable 9 feet of four-conductor cable with 5-pin connector
- Sensor Dimensions: 4" L x 1" H 1.8" W
- Specify FCA (Fly Ceiling Adapter), or FSA (Fly Surface Adapter) when ordering.



10FLYBLK with  
10FSABLK

10FCABLK

Mfg #	Description	EZ #
10FLYBLK	PIR .5-15 Second Rex Sensor	091147
10FCABLK	Ceiling Adapter For 10flyblk	091148
10FSABLK	Surface Adapter For 10flyblk	091149

## Door Operator Exit Buttons



10BOX45RNDISM



10BOX45SQSM



10BOX6RNDISM



10PBJ1



10PBR451



10PBS451



10PBR1



10BOXJAMSM



10PBS1

- Perfect for wall applications.
- Beveled edges provide a tamper and vandal proof solution to your push plate needs, preventing objects jamming between plate and box.
- An all-active plate activates with a "push" anywhere on the button surface.
- Stainless steel finish will not dete-

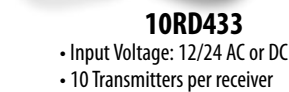
- riorate where it is touched and is scratch and scuff resistant.
- Text and logo are baked onto the extreme durability.
- **All buttons can be made "Wireless" by using 10TD433PB3V transmitter, & 10RD433 receiver shown at right.**

## Wireless Transmitters & Receiver

- The hand-held or exit button ready transmitter options offer activation with all automatic and industrial applications.
- The 10TD433PB3V is prewired and ready for use with BEA Exit Buttons.
- The compact receiver can fit in all door headers and industrial door control boxes.
- Rolling code ensures security against cloning.



10TD433PB3V



10RD433

- Input Voltage: 12/24 AC or DC
- 10 Transmitters per receiver



10TD433HH1

Button (Push Plate)			Surface Mount Back Box	
Mfg #	Size	EZ #	Mfg #	EZ #
10PBJ1	1-1/2" X 4-3/4" Jamb	091140	10BOXJAMSM	091141
10PBR1	6" Round	091133	10BOX6RNDISM	091134
10PBR451	4-1/2" Round	091135	10BOX45RNDISM	091136
10PBS1	4-3/4" Square	091139	Electrical Double Gang Box	
10PBS451	4-1/2" Square	091137	10BOX45SQSM	091138

Mfg #	Description	EZ #
10RD433	433 MHZ Receiver	091144
10TD433HH1	1 Button Transmitter	091142
10TD433PB3V	Pushbutton Transmitter 3 Volts	091143