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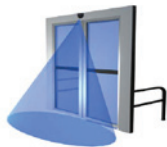
EAGLE - K-BAND MICROWAVE DOOR SENSOR



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.



Eagle motion sensor: Sensor utilizes microwave technology that operates at 24.125 GHz (K-band frequency) as follows:

- Sensor shall utilize a planar, (flat antenna) for achieving a narrow or wide sensing pattern
- Sensor shall be concealed within a housing with no visible mounting hardware
- Sensor shall be fully adjustable by remote control and shall have an uni-directional sensing capability
- Sensor dimensions: 4-3/4 inches (121 mm) wide by 3-1/8 inches (80 mm) high by 2 inches (51 mm) deep
- Mounting height: Up to 11 feet (3.35 m) above finished floor
- Finish: black ABS housing
- Overhead activation sensor for sliding, swinging, and revolving doors utilizing K-band microwave technology
- Sophisticated Motion Tracking feature when energy conservation is critical
- Offers three motion detection options; bi-directional, uni-directional & uni-MTF
- Extra immunity protection for precise activation zones
- Detects speeds as low as 2.2" per second

Dual seal design utilizes a silicone foam seal with a heat-expanding intumescent seal.

MFG #	EZ #
10EAGLE	091146

BODYGUARD - INFRARED DOOR SENSOR



BODYGUARD



Provides protection in the swing path of the door.

Floods the threshold with presence detection when door is open.



10REMOTE

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

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
- Pattern width: Up to 9 patterns on Bodyguard
- Pattern depth: Up to 6 on Bodyguard

MFG #	DESCRIPTION	EZ #
BODYGUARD	Header Infrared Presence Sensor	091145
10REMOTE	Remote For Bodyguard & Eagle	091150

FLY - PIR REQUEST TO EXIT MOTION DETECTOR

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10FLYBLK WITH 10FSABLK



10FCABLK

- 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
- 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
- Immune to electrical and radio frequency interference
- 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

MFG #	DESCRIPTION	EZ #
10FLYBLK	PIR 0.5 - 15 Second Rex Sensor	091147
10FCABLK	Ceiling Adapter For 10FLYBLK	091148
10FSABLK	Surface Adapter For 10FLYBLK	091149

WIRELESS TRANSMITTERS & RECEIVER



10TD433HH1



10TD433PB3V



10RD433

The hand-held or exit button ready transmitter options offer activation with all automatic and industrial applications. Rolling code ensures security against cloning

10TD433HH1

- Digital transmitter 433 MHz - 1 button
- Transmits a unique rolling code each time the switch is closed to provide a secure door opening signal
- A maximum of 100 transmitters can be programmed to one receiver

10TD433PB3V

- Prewired and ready for use with BEA exit button
- Digital transmitter 433 MHz with flag connectors 3v lithium "button" battery
- This transmitter replaces model 10TD433PB12V and will fit in all boxes except the 10BOXJAMBST

10RD433

- Input voltage: 12/24 AC or DC
- 100 transmitters per receiver
- The compact receiver can fit in all door headers and industrial door control boxes
- Digital receiver 433 MHz frequency
- Includes integral sequencing learn buttons (for vestibule applications), pulse/toggle functionality and additional hold time

MFG #	DESCRIPTION	EZ #
10TD433HH1	Hand-Held 1 Button Transmitter	091142
10TD433PB3V	Pushbutton Transmitter 3 Volts	091143
10RD433	433 MHz Receiver	091144