

**B**

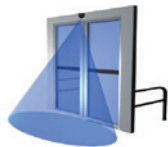
**EAGLE - K-BAND MICROWAVE DOOR SENSOR**



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.



**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



**10REMOTE**

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