

## EAGLE ARTEK

COMPACT, MOTION SENSOR FOR AUTOMATIC DOORS



### TECHNOLOGY



### CERTIFICATIONS



### DESCRIPTION

BEA's **EAGLE ARTEK** is a motion sensor for all types of automatic doors. Its slim and compact design ensures discreet integration for your application..

**EAGLE ARTEK** offers superior field performance with improved filters that help to reduce false detections that lead to increased energy costs.

This sensor is easy to install and set up with flexible parameters and simple push-button settings. Unlike legacy sensors, the detection field shape can be adjusted without changing the antenna manually.

A variety of installation accessories are available, making the **EAGLE ARTEK** a convenient activation solution for any environment.

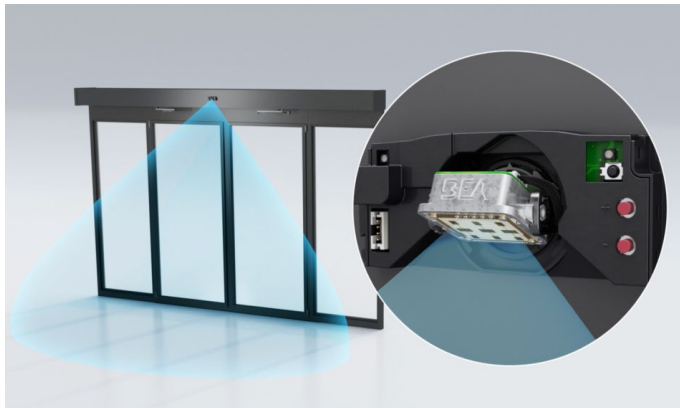


### Compact and Attractive Design

Slim and compact design permits integration with all types of automatic door operators

### Easy to Use

Electronic management of the radar field shape and push-button adjustments allow for quick installation and setup



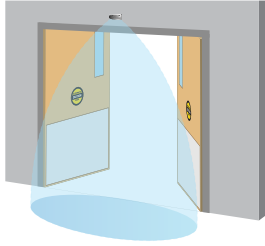
### Energy Efficient

Immunity Filter, Field Size, and Field Shape settings work together with direction sensing capability (Detection Mode) to reduce door open time

### Easy to Retrofit

Same mounting references and plug-in interface accessory make it easy to retrofit EAGLE

## APPLICATIONS



Simultaneous Pair



Revolving

## TECHNICAL SPECIFICATIONS

### TECHNOLOGY / PERFORMANCE

|                                    |   |
|------------------------------------|---|
| <b>Technology</b>                  | microwave   |
| <b>Detection mode</b>              | motion  |
| <b>Transmitter frequency:</b>      | 24.15 GHz   |
| <b>Transmitter radiated power:</b> | < 20 dBm EIRP                                     |
| <b>Transmitter power density:</b>  | < 5 mW/cm <sup>2</sup>                            |
| <b>Max. detection range:</b>       | wide: 13' x 6.5'<br>narrow: 6.5' x 7' (@ 7' high) |
| <b>Min. detection speed:</b>       | 2 in/s  |

### ELECTRICAL

|                                |  |
|--------------------------------|--|
| <b>Supply voltage*:</b>        | 12 – 24 VAC ±10% (50 – 60 Hz)<br>12 – 24 VDC +30% / -10% |
| <b>Max. power consumption:</b> | < 1 W  |
| <b>Output*:</b>                | solid-state relay (free of polarity)                     |
| Max. switching voltage:        | 30 VAC / 42 VDC  |
| Max. switching current:        | 100mA (resistive)  |

### PHYSICAL

|                           |                                       |
|---------------------------|---------------------------------------|
| <b>Mounting height:</b>   | 6 – 13'                               |
| <b>Tilt angles:</b>       | 0 – 90° vertical<br>-30 – 30° lateral |
| <b>Temperature range:</b> | -4 – 131 °F (-20 – 55 °C)             |
| <b>Dimensions:</b>        | 4.72" (L) x 1.96" (H) x 1.96" (W)     |
| <b>Material:</b>          | ABS                                   |
| <b>Weight:</b>            | 120 g                                 |
| <b>Cable length:</b>      | 8'                                    |

### COMPLIANCE

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Degree of protection:</b> | IP54                                |
| <b>FCC certification:</b>    | FCC: G9B-100606<br>IC: 4680A-100606 |

\* External electrical sources must be within specified voltages, max 100 W, and ensure double insulation from primary voltages

## PRODUCT SERIES



**10EAGLEARTEK**  
Microwave motion sensor

## ACCESSORIES



**10EARA**  
Rain accessory



**10EACA**  
Ceiling accessory (white)



**10EACA-BLK**  
Ceiling accessory (black)



**10EABA**  
Bracket accessory



**35.0303**  
Replacement cover (black)



**35.0319**  
Replacement cover (white)



**35.0320**  
Replacement cover (silver)

## RELATED PRODUCTS



**10LZRFLATSCAN3D-SWBK**  
LZR-FLATSCAN 3D SW sensor kit (black)



**10LZRFLATSCAN-SWB**  
LZR-FLATSCAN SW full-energy kit (black)



**10LZRMICROSCAN1T**  
Single swing-door kit



**10LZRMICROSCAN2T**  
Simultaneous pair / dual egress kit



**10BR3X**  
Programmable 3-relay logic module



**10REMOTE**  
Universal remote control



**10PSMDR2024**  
DIN rail power supply, 100 – 240 VAC / 24 VDC



**10PSST242**  
Plug-in power supply



**1024VAC**  
24 VAC transformer with mounting feet

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