



EAGLE ARTEK

COMPACT, MOTION SENSOR FOR
AUTOMATIC DOORS



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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.

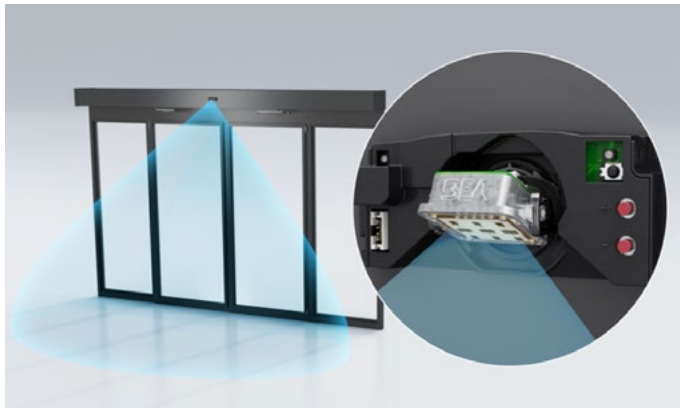


Compact and Attractive Design

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



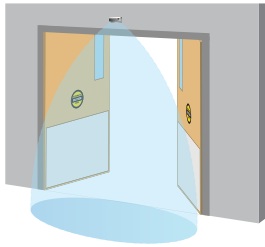
Energy Efficient

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

Technology	microwave
Detection mode	motion
Transmitter frequency	24.15 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW/cm ²
Max. detection range (at 7' mounting height)	wide: 13' × 6.5' narrow : 6.5' × 7'
Min. detection speed	2 in/s

ELECTRICAL

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

PHYSICAL

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

COMPLIANCE

Degree of protection	IP54
FCC certification	FCC: G9B-100606 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)



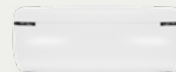
10EABA
Bracket accessory



10EAGLEARTEKSPACER
Spacer



35.0303
Replacement cover
(black)



35.0319
Replacement cover
(white)



35.0320
Replacement cover
(silver)



10EARETROFITPACK
Retrofit interface,
10 pack

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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