



# EAGLE ARTEK

Universal opening sensor  
for automatic doors



## APPLICATIONS



## TECHNOLOGY

Radar **ARTEK**  
INSIDE



## DESCRIPTION

The **EAGLE ARTEK** is a microwave sensor that can be installed on all types of automatic doors, regardless of the environment. Slim and compact, it is designed to fit the most discreet door operating systems. It offers one-way opening and optimises door opening and closing cycles. Setting the parameters is flexible and easy using push buttons. The detection field can be adjusted very simply without changing the antenna manually, as everything is handled electronically.

## VIDEO



Discover the product video on our youtube channel **BEA Sensors Europe**  
<https://bit.ly/3uZxdC1>



## Stability & reliability

The **EAGLE ARTEK** benefits from ARTEK radar technology developed by BEA. Based on the performance of EAGLE ONE, this antenna inherits the stability and flexibility of our radar sensors.

## Compact design

**EAGLE ARTEK's** slim lines and compact dimensions permit discreet integration with all types of operating systems, even the thinnest ones. Because it uses the same installation references as the EAGLE ONE, **the EAGLE ARTEK** can easily replace an existing installation.

## Flexibility

The **EAGLE ARTEK** offers full electronic management of the radar field. You no longer need to change the antenna to adjust the detection field; shape and size can be quickly adapted using push buttons.

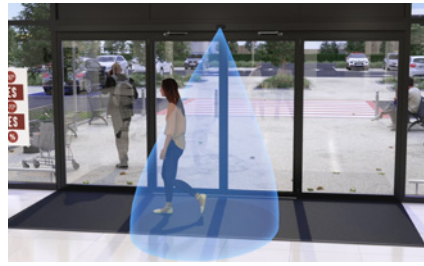
## Optimization of cross traffic rejection

Thanks to the improvement of cross traffic rejection, the **EAGLE ARTEK** better filters out parallel movements at the door that can cause unwanted detections.

## APPLICATIONS



Double swing door



Cross traffic rejection



Revolving door

## ACCESSORIES



### BEA REMOTE CONTROL

Universal remote control for adjusting our sensors



### EAGLE ARTEK CA Ceiling Accessory



### EAGLE ARTEK RA Rain Accessory



### EAGLE ARTEK BA Bracket accessory



### RETROFIT INTERFACE

Use the interface to connect the EAGLE ARTEK to pre-existing cable.

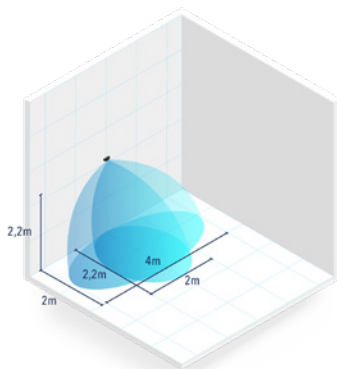
## INSTALLATION

- Push button setting of basic functions
- Push buttons allow LED feedback of main parameter values: field shape, size, immunity.
- Upgrading EAGLE ONE installations thanks to mounting compatibility.
- Additional settings thanks to the universal BEA remote control.

## VERSIONS

- EAGLE ARTEK: One-way sensor for all types of doors.

## TECHNICAL SPECIFICATIONS



<b>Technology</b>	Microwave
<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>Detection mode</b>	Motion
<b>Max. detection range</b>	Wide : 4 m x 2 m   Narrow : 2 mx 2.2 m @2.2 m high
<b>Minimum detection speed</b>	5 cm/s
<b>Supply voltage**</b>	12V to 24V AC ±10%; (50 to 60 Hz )12V to 24V DC +30% / -10%
<b>Max. power consumption</b>	< 1 W
<b>Output **</b>	Solid-state relay (free of polarity)
<b>Max. switching voltage</b>	30V AC / 42V DC
<b>Max. switching current</b>	100 mA (resistive)
<b>Mounting height</b>	from 1.8 m to 4 m
<b>Degree of protection</b>	IP54 (IEC/EN 60529)
<b>Temperature range</b>	from -20°C to +55°C
<b>Dimensions</b>	120 mm (W) x 50 mm (H) x 50 mm (D)
<b>Tilt angles</b>	0° to 90° vertical; -30° to +30° lateral
<b>Housing material</b>	ABS
<b>Weight</b>	120 g
<b>Cable length</b>	2.5 m

\* The Equipment must be powered by an approved Class II SELV limited power source. This requirement consists of the need for double insulation between primary voltages and the Equipment supply. The supply current should be limited to max 3A.

\*\* External electrical sources must be within specified voltages, max 15W and ensure double insulation from primary voltages.

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