



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

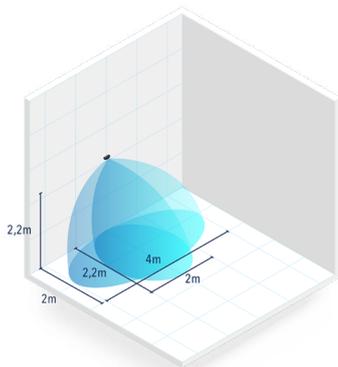
- Push button setting of basic functions
- Push buttons allow LED feedback of main parameter values: field shape, size, immunity.
- Upgrading EAGLE ONE installations thanks to mounting compatibility.

- Additional settings thanks to the universal BEA remote control.

VERSIONS

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

TECHNICAL SPECIFICATIONS



Technology	Microwave
Transmitter frequency	24.125 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW/cm ²
Detection mode	Motion
Max. detection range	Wide : 4 m x 2 m Narrow : 2 m x 2.2 m @2.2 m high
Minimum detection speed	5 cm/s
Supply voltage	12V to 24V AC ±10%; 12V to 24V DC +30% / -10%*
AC supply frequency	50 to 60 Hz
Max. power consumption	< 1 W
Output	Solid-state relay (free of polarity)
Max. switching voltage	42 V AC peak voltage / 42V DC
Max. switching current	100 mA (resistive)
Mounting height	from 1.8 m to 4 m
Degree of protection	IP54
Temperature range	from -20°C to +55°C
Dimensions	120 mm (W) x 50 mm (H) x 50 mm (D)
Tilt angles	0° to 90° vertical; -30° to +30° lateral
Housing material	ABS
Weight	120 g
Cable length	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.

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