

# EAGLE ONE

## OPENING SENSOR FOR AUTOMATIC DOORS

Commercial sheet



### A UNIVERSAL SOLUTION FOR ALL APPLICATIONS

#### DESCRIPTION

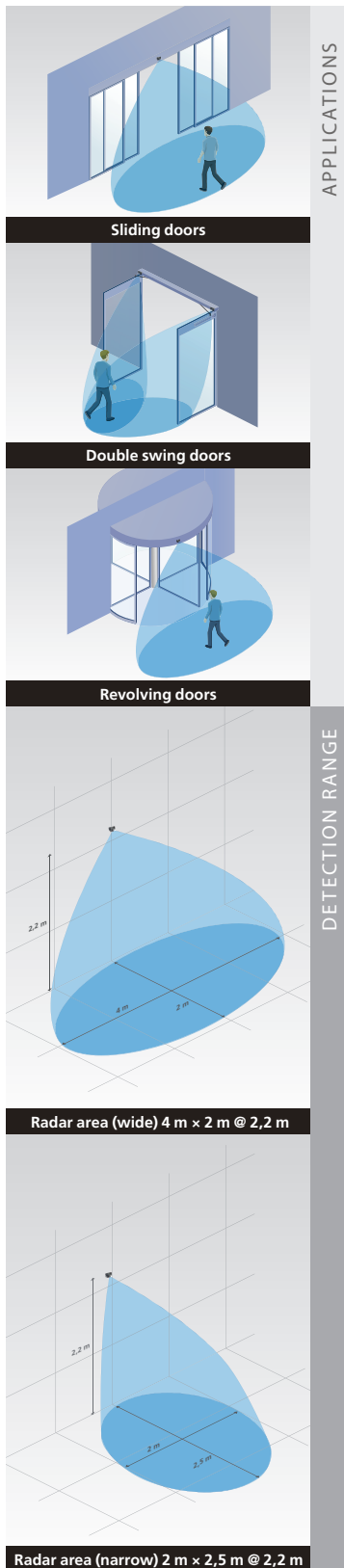
Thanks to the BEA planar antenna and its unidirectional detection mode, the **EAGLE ONE** offers an high level of stability and reliability. It is the solution for all types of automatic doors, irrespective of the surroundings.

#### FEATURES

- Improvement of the energy efficiency of buildings thanks to the unidirectional radar, which detects approaching movements and filters out movements moving away: the door closes earlier and reduces heat loss.
- Appealing design for swing doors thanks to positioning the sensor above the pivot.
- Possibility to mount the sensor in the ground.
- High level of stability and reliability of the detection area thanks to the planar antenna developed by BEA.



EAGLE ONE ■



APPLICATIONS

DETECTION RANGE

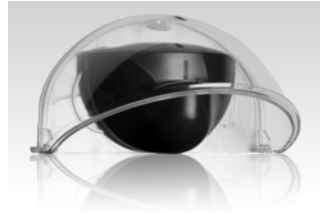
## APPLICATIONS

- Activation of linear, telescopic, curved sliding, swing, revolving and folding doors, etc.

## EASE OF INSTALLATION

- Adjustment of basic functions with push buttons.
- Fine tuning with the universal BEA coded infrared remote control.

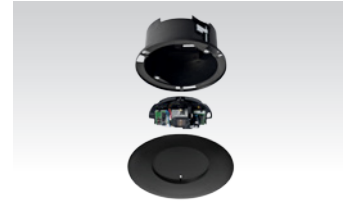
## ACCESSORIES



ORA  
Rain accessory



EBA  
Mounting accessory



ECA  
Mounting in ceiling

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave doppler radar
<b>Transmitter frequency</b>	24.150 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>Min. detection speed</b>	5 cm/s (measured in optimal conditions)
<b>Supply voltage</b>	12V to 24V AC +/- 10 % 12V to 24V DC + 30% / -10%
<b>Mains frequency</b>	50 to 60 Hz
<b>Max. power consumption</b>	< 2 W (VA)
<b>Output</b>	Relay (free of potential change-over contact)
Max. contact voltage	42V AC / DC
Max. contact current	1A (resistive)
Max. switching power	30 W (DC) / 60 VA (AC)
<b>Mounting height</b>	From 1.8 m to 4 m
<b>Protection degree</b>	IP54
<b>Temperature range</b>	From -20°C to +55°C
<b>Dimensions</b>	120 mm (W) × 80 mm (H) × 50 mm (D)
<b>Tilt angles</b>	From 0° to 90° vertical; from -30° to 30° lateral
<b>Material</b>	ABS
<b>Weight</b>	215 g
<b>Cable length</b>	2.5 m
<b>Norm conformity</b>	R&TTE 1999/5/EC EMC 2004/108/EC

*Specifications are subject to change without prior notice.*

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