

EAGLE ONE

OPENING SENSOR FOR AUTOMATIC DOORS

Commercial sheet



A UNIVERSAL SOLUTION FOR ALL APPLICATIONS

DESCRIPTION

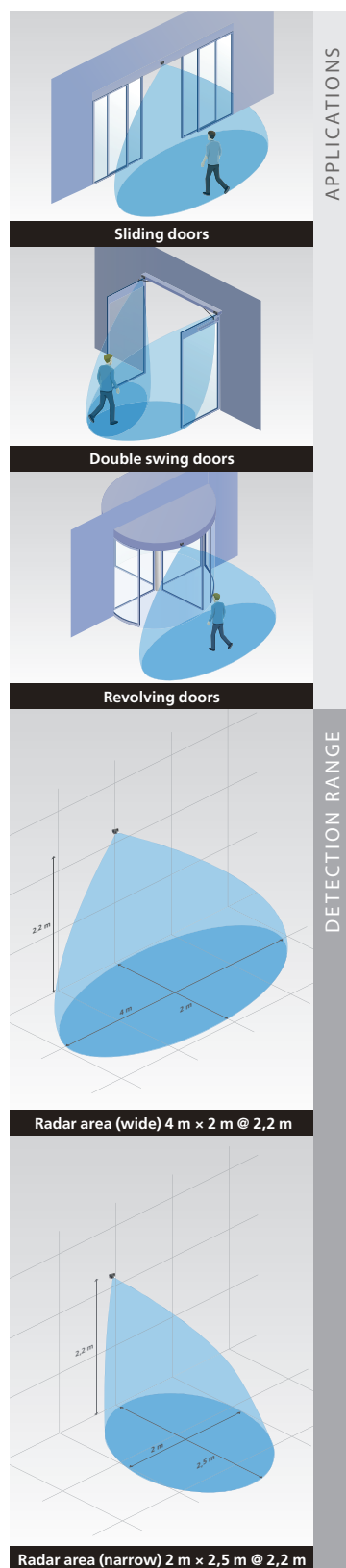
Thanks to the BEA planar antenna and its unidirectional detection mode, the **EAGLE ONE** offers an high level of stability and reliability. It is the solution for all types of automatic doors, irrespective of the surroundings.

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

- 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

Technology	Microwave doppler radar
Transmitter frequency	24.150 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW / cm ²
Detection mode	Motion
Min. detection speed	5 cm/s (measured in optimal conditions)
Supply voltage	12V to 24V AC +/- 10 % 12V to 24V DC + 30% / -10%
Mains frequency	50 to 60 Hz
Max. power consumption	< 2 W (VA)
Output	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)
Mounting height	From 1.8 m to 4 m
Protection degree	IP54
Temperature range	From -20°C to +55°C
Dimensions	120 mm (W) x 80 mm (H) x 50 mm (D)
Tilt angles	From 0° to 90° vertical; from -30° to 30° lateral
Material	ABS
Weight	215 g
Cable lenght	2.5 m
Norm conformity	R&TTE 1999/5/EC EMC 2004/108/EC

Specifications are subject to change without prior notice.

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