

# ACTIV8 ONE OFF INDUS

## DUAL SENSOR FOR INDUSTRIAL DOORS

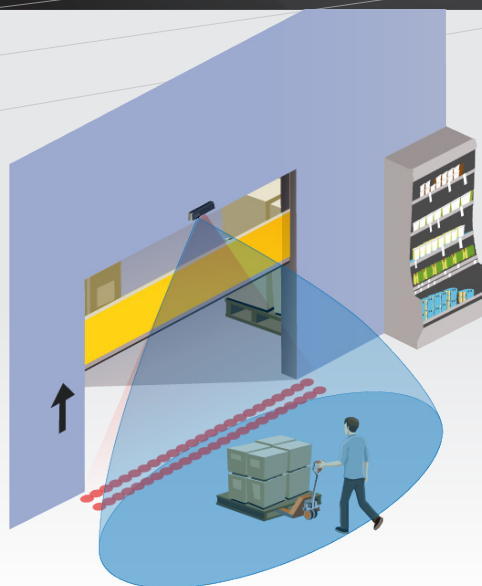
Commercial sheet



### ACTIVATION AND SAFETY IN ONE SENSOR

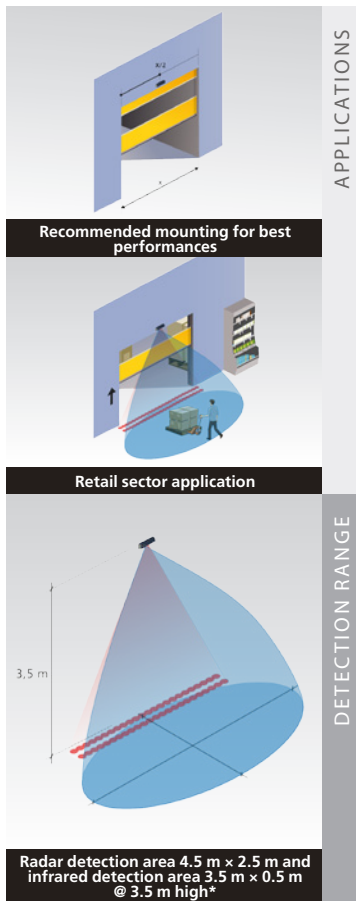
#### DESCRIPTION

The **ACTIV8 ONE OFF** is a sensor combining two technologies, microwave for motion and active infrared for presence detection. This sensor can be used to activate the opening of rapid industrial doors and monitor the area close to the door threshold. This protection stands as an addition provision to the safety measures required by the standard EN-12453 : 2000.



#### PERFORMANCE

- Motion and presence sensor for people and vehicles.
- Stable and reproducible detection area
- Unidirectional detection mode to reduce the door closing cycle and save energy.
- Double infrared curtain to offer an additional safety.
- Smart design.
- Ideal solution for inner rapid industrial doors till 4 m high.



## APPLICATIONS

- Industrial door in the retail business.
- Doors till 4 m high, confined environment.

## DESIGNED FOR INDUSTRIAL ENVIRONMENTS

- Easy adjustment with push-buttons and remote control.
- Stable detection in sensitive surroundings (reflecting floors, HF lamps ...) thanks to a filter software.

## EASE OF INSTALLATION

- User-friendly installation (plug and play).
- Ex-works pre-settings.
- 10 m cable supplied.

## TECHNICAL SPECIFICATIONS

Technology	Microwave doppler radar	Active infrared with background analysis
	Transmitter frequency: 24.150 GHz Transmitter radiated power: < 20 dBm EIRP Transmitter power density: < 5 mW/cm <sup>2</sup>	Spot diameter: 0.1 m (typ) Number of spots: 24 or 12 by curtain Number of curtains: 2
<b>Detection mode</b>	Motion	Presence
<b>Detection field</b>	4.5 m x 2.5 m*	3.5 m x 0.5 m*
<b>Angle</b>	From 15 ° to 50 ° vertical (adjustable)	From -4 ° to +4 ° (adjustable)
<b>Output</b>	Relay (free of potential) Max. contact voltage: 42 V AC/DC Max. contact current: 1 A (resistive) Max. switching power: 30 W (DC)/60 VA (AC)	Solid-state-relay (free of potential, free of polarity) Max. contact current: 100 mA Max. contact voltage: 42 V AC/DC
<b>Hold time output signal</b>	0.5 s to 9 s (adjustable)	0.3 s to 1 s (not adjustable)
<b>Min. detection speed/ Typical response time</b>	5 cm/s	<128 ms (max. 500 ms)
<b>LED signals</b>	Green	Red
<b>Mains frequency</b>	50 to 60 Hz	
<b>Supply voltage</b>	12V - 24V AC +/- 10 % 12V - 30V DC - 5%/+10%	
<b>Mounting height</b>	1.8 m - 4 m **	
<b>Dimensions</b>	262 mm (L) x 55 mm (H) x 44 mm (W)	
<b>Materials</b>	ABS + LURAN S	
<b>Colour</b>	Grey, white or aluminium finish	
<b>Temperature range</b>	-25°C to +55°C	
<b>Protection degree</b>	IP54	
<b>Norm conformity</b>	R&TTE: 1999/5/EC EMC: 2004/108/EC	

Specifications are subject to changes without prior notice.

\* at 3.5 m mounting height

\*\* depending on size and nature of the target

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