

# CONDOR

## MOTION & PRESENCE SENSOR FOR INDUSTRIAL DOORS

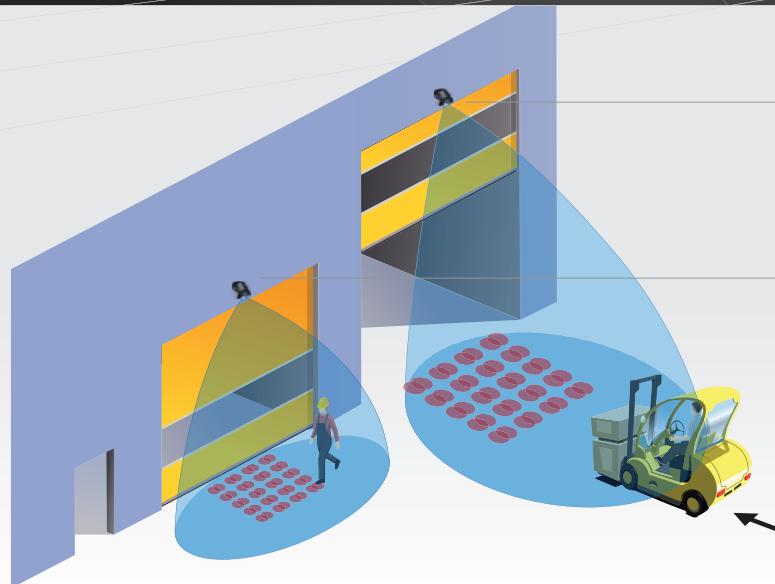
Commercial sheet



### ► 2 IN 1 : ACTIVATION AND AREA MONITORING IN ONE SINGLE PRODUCT

#### DESCRIPTION

The **CONDOR** has a microwave motion detector and an active infrared presence sensor built in the same housing. The microwave FALCON-type planar antenna stands for a comfortable activation quality. The signal treatment results in an accurate precision to filter out pedestrians, cross-traffic and possible interferences. The active infrared technology offers a presence area where every vehicle and object standing still close to the door will be detected.

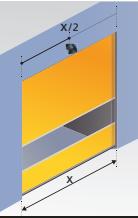


CONDOR ■

CONDOR XL ■

#### PERFORMANCE

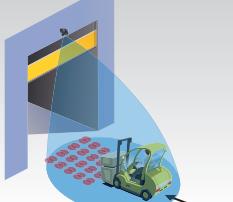
- The approach detection can be easily adjusted according to the environment.
- The home-made planar antenna features an accurate pedestrian/vehicle filtering and a reliable cross-traffic rejection.
- The presence area is defined to detect every vehicle in front of the door.
- This detection area allows to decrease the door timer: it offers energy savings proportional to the number of door closing cycles.
- The CONDOR stands for an alternative solution to induction loops with a faster installation and service.



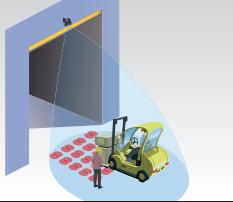
APPLICATIONS

**APPLICATIONS**

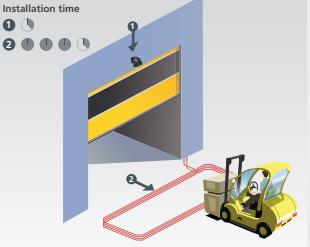
- High doors (till 6 m) : **CONDOR**.
- Small doors (till 3.5 m) : **CONDOR XL**.



Comfortable opening (microwave)

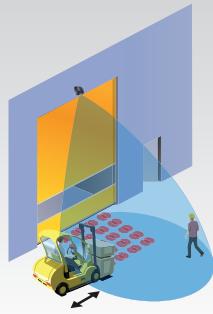


Protection of the door (infrared)



Quick installation

EXTRA FEATURES



Capacity to filter pedestrian and cross traffic

**DESIGNED FOR INDUSTRIAL ENVIRONMENTS**

- Protected against door vibrations and interferences coming from the environment.
- Rugged housing adapted to industrial applications.
- Degree of Protection : IP65.

**EASE OF INSTALLATION**

- Simple «plug and play» installation.
- Flexible operation thanks to the remote control and the spotfinder.

**TECHNICAL SPECIFICATIONS**

<b>Technologies</b>	Microwave doppler radar	Active infrared
<b>Detection mode</b>	Motion	Presence
<b>Transmitter frequency/wavelength</b>	24.150 GHz	875 nm
<b>Transmitter power density</b>	< 5 mW/cm <sup>2</sup>	< 250 mW/m <sup>2</sup>
<b>Detection field</b>		
CONDOR	4 m × 5 m *	4 m × 4 m (Emitting spots **)
CONDOR XL	4 m × 2 m *	4 m × 4 m (Emitting spots **)
<b>Reaction time</b>	100 ms	250 ms
<b>Min. detection speed</b>	5 cm/s	5 cm/s to activate detection
<b>Tilt angle</b>	-8° - 22° (relative to sensor front face)	15° - 45°
<b>LED signals</b>	Green	Red
<b>Supply voltage</b>	12V to 24V AC ± 10 % 12V to 24V DC +10 % / -3%	
<b>Mains frequency</b>	50 to 60 Hz	
<b>Power consumption</b>	< 3.5 W/VA	
<b>Output</b>	2 relays (free of potential change-over contact) 42V AC/DC 1A résistif Max. switching power 30W (DC)/ 48VA (AC)	
<b>Output holdtime</b>	0.5 s	
<b>Temperature range</b>	From -30°C to +60°C	
<b>Cable length</b>	10 m	
<b>Mounting height</b>	3.5 m - 6 m (depending on size and nature of the target) 2 m - 3.5 m (depending on size and nature of the target)	
<b>Dimensions</b>	127 mm (L) × 102 mm (H) × 96 mm (W)	
<b>Degree of protection</b>	IP65	
<b>Humidity</b>	0-95 % non condensing	
<b>Materials</b>	ABS/Polycarbonate (Colour: black/smoked purple)	
<b>Norm conformity</b>	EMC: 2004/108/EC R&TTE: 1999/5/EC	

Specifications are subject to changes without prior notice.  
\*\*Zone detected by spotfinder, slightly bigger than actual detection field

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