

CONDOR

MOTION & PRESENCE SENSOR FOR INDUSTRIAL DOORS

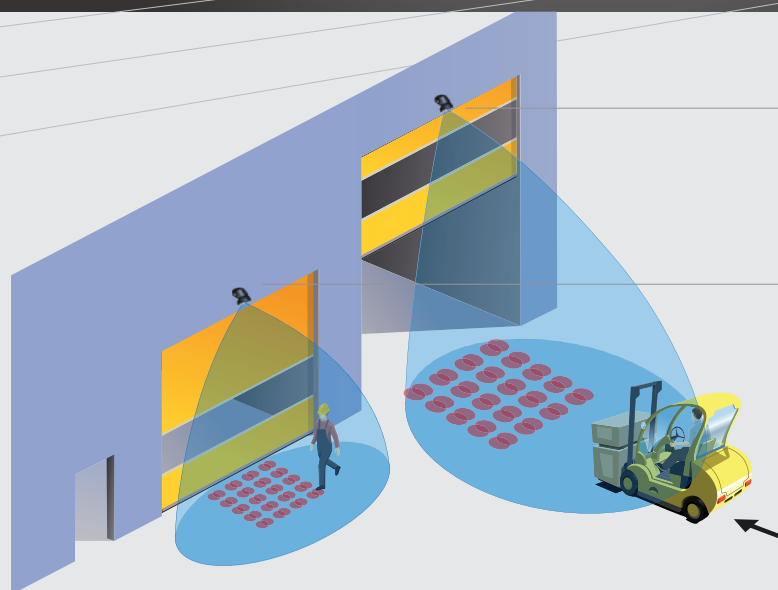
Commercial sheet



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.

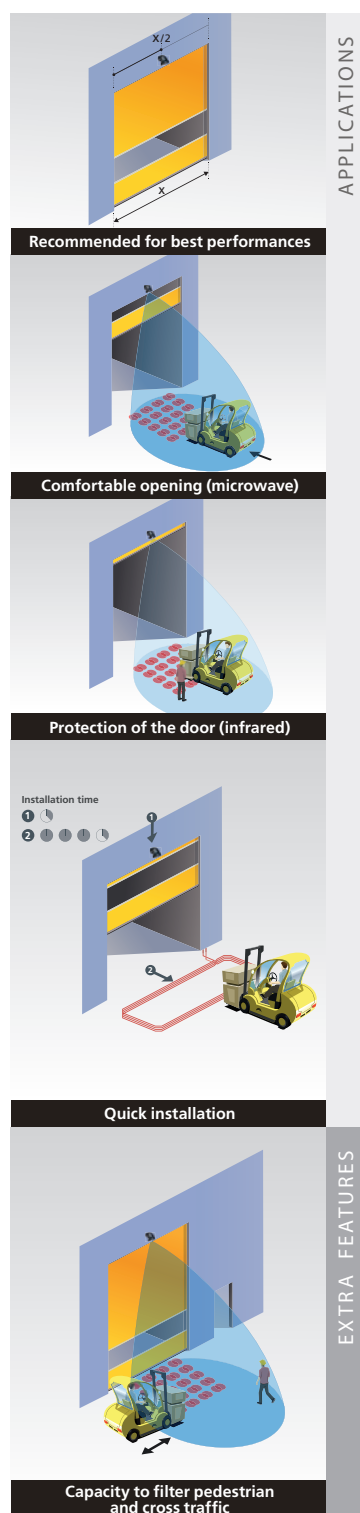


CONDOR ■

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

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

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

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