

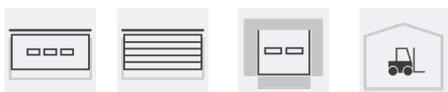


CONDOR

Motion & presence sensor for industrial doors



APPLICATIONS



TECHNOLOGY

Radar & active infrared

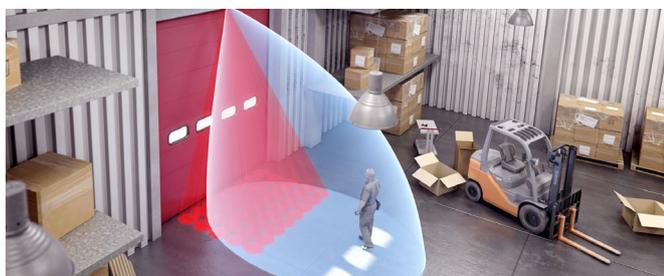
DESCRIPTION

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.

VIDEO

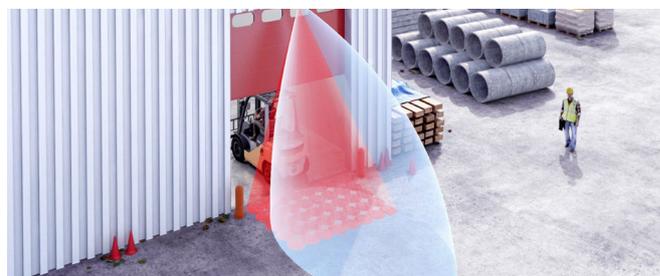


Discover the product video on our youtube channel **BEA Sensors Europe**
<https://bit.ly/3iMI49Q>



Accurate & reliable

The home-made planar antenna features an accurate pedestrian/vehicle filtering and a reliable cross-traffic rejection.



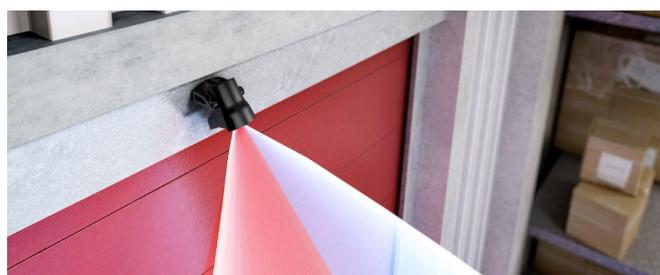
Energy-savings

This detection area allows to decrease the door timer: it offers energy savings proportional to the number of door closing cycles.



Fast installation and service

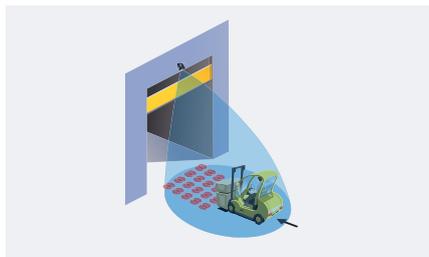
The CONDOR stands for an alternative solution to induction loops with a faster installation and service.



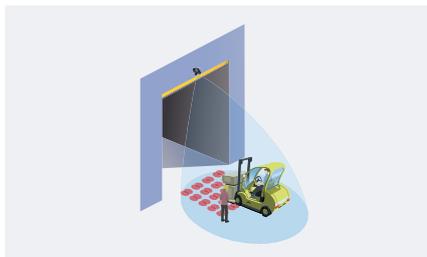
Designed for industrial environments

IP65, rugged housing and protection against door vibrations and interferences coming from the environment.

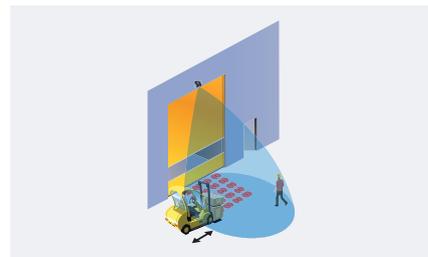
APPLICATIONS



Comfortable opening (microwave)



Protection of the door (infrared)



Capacity to filter pedestrians and cross-traffic

ACCESSORIES



BEA REMOTE CONTROL

Universal remote control for the adjustments of our sensors



SPOTFINDER

Tool for visualising the exact position of infrared curtains



UNIVERSAL MOUNTING BA

Universal mounting bracket



LZR°-WIDESCAN RETROFIT ADAPTER

Wiring accessory to replace CONDOR with WIDESCAN for similar functions

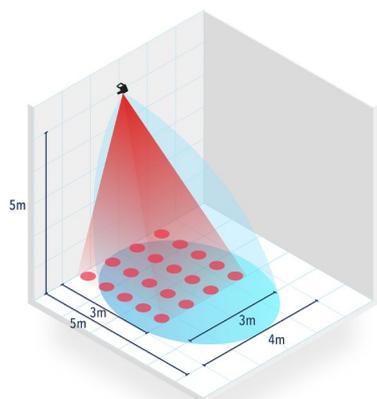
INSTALLATION

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

VERSIONS

- CONDOR : sensor for mounting up to 6 m
- CONDOR XL : sensor for mounting up to 3.5 m

TECHNICAL SPECIFICATIONS



Technology	Microwave doppler radar	Active infrared
Detection mode	Motion	Motion & presence
Detection field		
CONDOR	4 m × 5 m	4 m × 4 m (emitting spots)
CONDOR XL	4 m × 2 m	4 m × 4 m (emitting spots)
Reaction time	100 ms	250 ms
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	2 relays (free of potential change-over contact)	
Max. contact voltage	42 V AC/DC	
Max. contact current	1 A (resistive)	
Max. switching power	30 W (DC)/48 VA (AC)	
Temperature range	from -30 °C to + 60 °C	
Mounting height		
CONDOR	3,5 m - 6 m	
CONDOR XL	2 m - 3,5 m	
Dimensions	127 mm (L) x 102 mm (H) x 96 mm (W)	
Degree of protection	IP65	
Materials	ABS and polycarbonate	
Norm conformity	EN 300 440-2 V1.4.1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, EN 62311, EN 62479	

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