



# CONDOR

Motion & presence sensor for industrial doors



## APPLICATIONS



## TECHNOLOGY

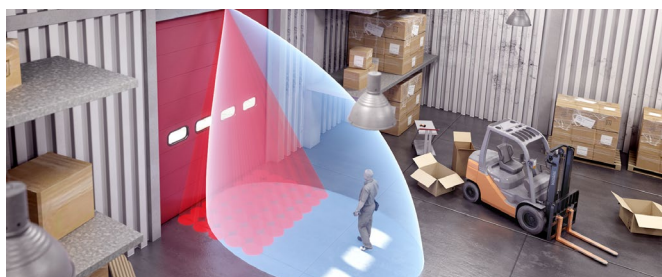
Radar & active infrared

## 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.

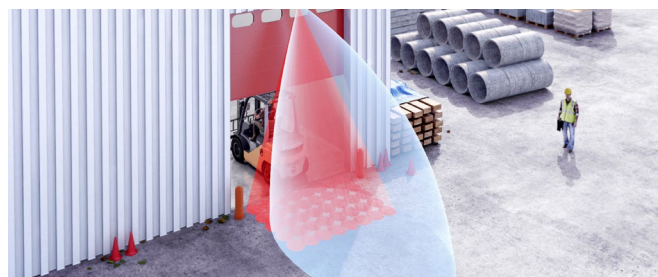
## VIDEO

Discover the product video on our youtube channel **BEA Sensors Europe**  
<https://youtu.be/G14NWYRy1QU>



### Accurate & reliable

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



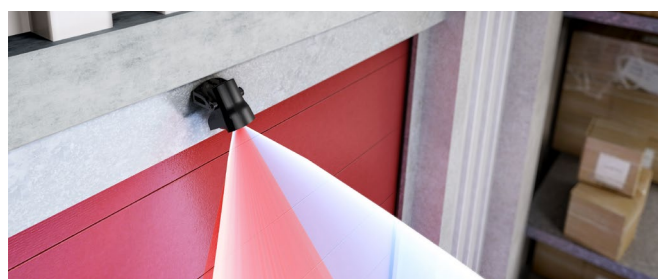
### Energy-savings

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

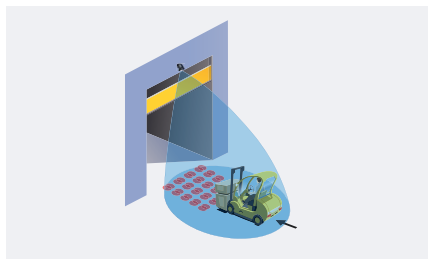
The CONDOR stands for an alternative solution to induction loops with a faster installation and service.



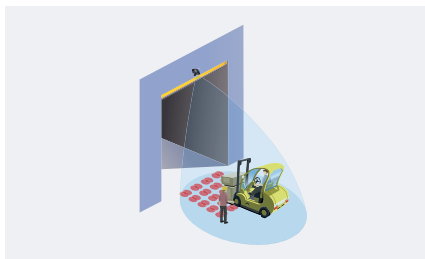
### Designed for industrial environments

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

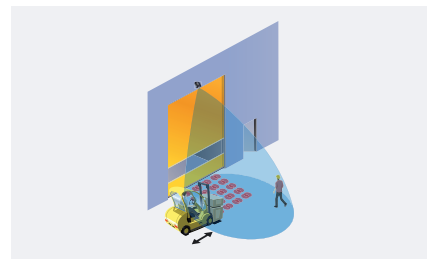
## APPLICATIONS



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

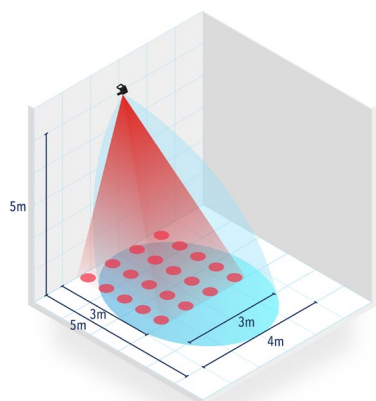
## INSTALLATION

- 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



<b>Technology</b>	Microwave doppler radar	Active infrared
<b>Detection mode</b>	Motion	Motion & presence
<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>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)	
Max. contact voltage	42 V AC/DC	
Max. contact current	1 A (resistive)	
Max. switching power	30 W (DC)/48 VA (AC)	
<b>Temperature range</b>	from -30 °C to + 60 °C	
<b>Mounting height</b>		
CONDOR	3,5 m - 6 m	
CONDOR XL	2 m - 3,5 m	
<b>Dimensions</b>	127 mm (L) x 102 mm (H) x 96 mm (W)	
<b>Degree of protection</b>	IP65	
<b>Materials</b>	ABS and polycarbonate	
<b>Norm conformity</b>	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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