

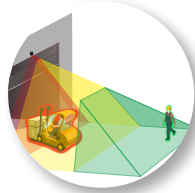


▶ **LZR®-WIDESCAN**  
Motion, presence and safety sensor  
with virtual pull-cord functionality.



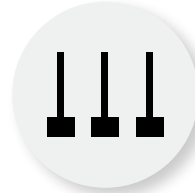
**Hygienic  
Solution**

Virtual pull-cord offers  
hands-free activation,  
reducing touchpoints



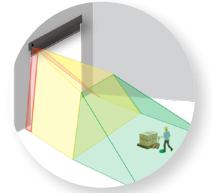
**Adjustable  
Settings**

Differentiate between  
pedestrian & vehicle traffic with  
a set minimum presence time



**Multiple  
Pull-Cords**

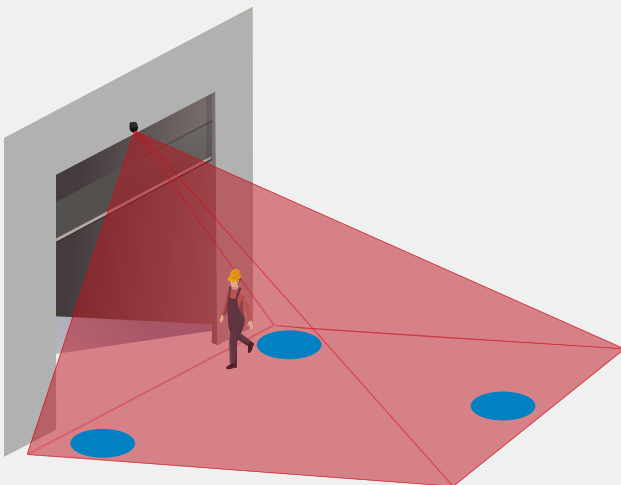
Program up to three  
pull-cords & modify as needed



**Additional  
Activation**

Motion, presence & safety  
detection fields add  
functionality for opening

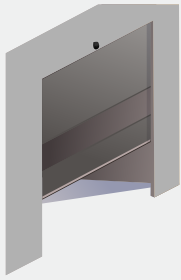
▽ **HANDS-FREE ACTIVATION**



Virtual pull-cords offer hands-free activation without needing to add push buttons or other activation switches. By programming multiple virtual pull-cords, you can have designated activation spots for pedestrians and vehicles.

- Eliminate Ceiling Clutter
- Reduce Touchpoints
- Encourage Traffic Patterns

## ▽ COMMON APPLICATIONS



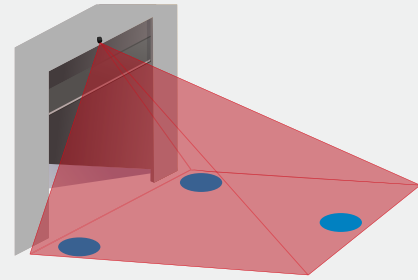
### Traffic Control

#### PULSE-ON-STOP ACTIVATION

In fast-paced environments, oncoming traffic can pose risks for both sides of the door. Encourage forklift traffic to slow down and come to a complete stop before activating the door.

Related Products:

- LZR-WIDESCAN



### Connecting Sensors

#### SEQUENCING MODE

Add logic when installing LZR-WIDESCAN on both sides of the door. The logic module provides sequencing between the two sensors and door state.

Related Products:

- LZR-WIDESCAN (2 qty)
- BR3-X (Function 11)

## ▽ TECHNICAL SPECIFICATIONS

### TECHNOLOGY / PERFORMANCE

<b>Technology</b>	LASER scanner, time-of-flight measurement (7 laser curtains)
<b>Detection mode</b>	motion, presence, height, and speed
<b>Max. detection field</b>	width: 1.2 x mounting height depth: 1.2 x mounting height  adjustable, depending on user settings
<b>Thickness of first curtain</b>	1/4"
<b>Typ. mounting height</b>	6'6" – 32'
<b>Min. reflectivity factor</b>	> 2 % (of floor and object) (measured at max. 19'6" in safety field)
<b>Typ. min. object size</b>	6" at 19'6" (in proportion to object distance)
<b>Testbody</b>	27 1/2" x 11 3/4" x 7 3/4"

### ELECTRICAL

<b>Emission characteristics</b>	
IR laser:	wavelength 905 nm; output power 0.10mW (CLASS 1)
Red visible laser:	wavelength 635 nm; output power 0.95mW (CLASS 2)
<b>Supply voltage</b>	12 – 24 VAC -10/+20% 12 – 30 VDC ±10% at sensor terminal
<b>Power consumption</b>	< 2.5 W (heating = OFF) < 10 W, max 15 W (heating = ECO or AUTO)
<b>Response time</b>	typ. 230 ms max. 800 ms (depending on immunity settings)
<b>Output</b>	2 solid-state relays (galvanic isolation, polarity free) 24 VAC / 30 VDC (max. switching voltage) 100 mA (max. switching current) - in switching mode: NO/NC - in frequency mode: pulsed signal (f= 100 Hz ±10%)  1 electro-mechanic relay (galvanic isolation, polarity free) 42 VAC/VDC (max. switching voltage) 500 mA (max. switching current)

<b>Input</b>	30 VDC (max. switching voltage) low < 1 V high > 10 V (voltage threshold)
<b>Bluetooth communication</b>	operating bandwidth: 2402 - 2480 MHz max. transmitted power: 12 dBm
<b>PHYSICAL</b>	
<b>Dimensions</b>	7 3/4" (H) x 6" (W) x 4" (D) (approx.)
<b>Material / Color</b>	PC, ASA / Black
<b>Protection degree</b>	NEMA 4 / IP65
<b>Temperature range</b>	-22 – 140 °F
<b>Rotation angles on bracket</b>	45° to the right 15° to the left (both directions lockable)
<b>Tilt angles on bracket</b>	-10 – 5°
<b>LED signals</b>	2 tri-colored LED: output status / remote control response / error signals 1 blue LED: Bluetooth status
<b>COMPLIANCE</b>	
<b>Compliance</b>	EN 300 328 V2.2.2, EN 301 489-1 V2.2.2, EN 301 489-17 V3.2.0, EN 60825-1:2014, EN 62311:2008



Product Questions?

Call BEA's Service Team:

1.800.523.2462