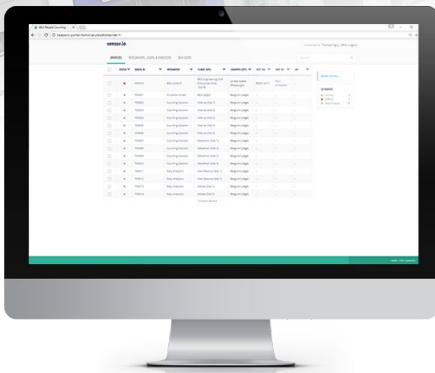


# LZR<sup>®</sup>-SIGMA

PEOPLE COUNTING  
SOLUTION



LZR<sup>®</sup>-SIGMA provides an all-in-one people counting solution. It is a LASER-based sensor, with a device management platform and mobile app for ease of setup and information accessibility.



## Manage Your Device

Sensorio.com, our online management platform, allows you to manage devices and users, securely and effectively. Each sensor's data can be integrated into analytics tools and tailored to fit your customers' needs.



### DEVICE MANAGER

Our online management platform allows you to activate, set up and manage your devices and users. Your data flow can be integrated to your analytics tool.



### AUTONOMOUS CONNECTIVITY

Delivered with cloud-based connectivity, the sensor can be completely independent from a local network and cabling or system constraints.

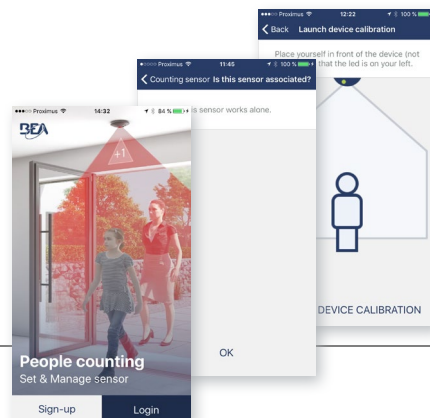


### MOBILE APP

Open the box, plug in the sensor, scan the QR Code with the BEA SIGMA mobile app and let it guide you through our short setup procedure.

## Easy & Fast Installation

A step-by-step setup wizard guides the installer through LZR-SIGMA's setup process. You can precisely define the counting detection field and pair multiple sensors to cover large areas.

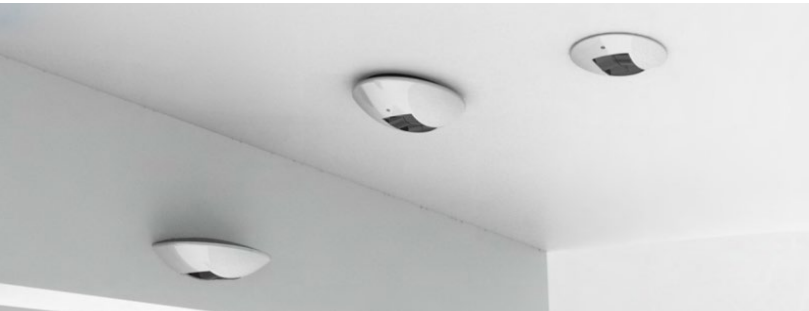




## Accurate Technology



Independent of lighting and weather conditions, LASER Time-of-Flight technology guarantees accurate counting. Its high resolution detection field (250 dots per curtain) offers a reliable counting solution that accurately identifies adults, children and groups of people.



## Three Mounting Positions

Our solutions fits into any building environment with its three different mounting positions. You can easily place it inside, outside, near a door or on the ceiling (recess or surface mount).



### INDEPENDENT OF LIGHT CONDITIONS

No need for well-lit conditions to achieve accurate counts. Our LASER technology is totally independent of lighting conditions. You can now count with high accuracy in dark places.



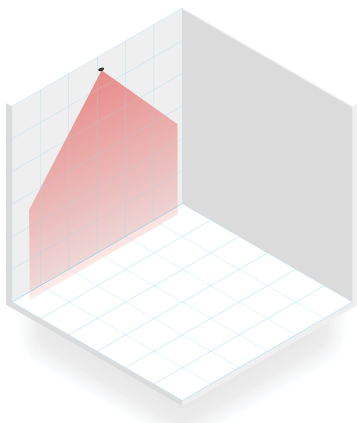
### HIGH PRECISION AND INTELLIGENCE

LZR-SIGMA anonymously classifies adults and children in both directions (IN & OUT). Objects such as shopping carts, strollers or doors are reliably filtered.



### INDOOR / OUTDOOR INSTALLATION

Even in extreme weather (rain, fog, snow) the LASER technology performance remains stable.



## Technical Specifications

<b>Technology</b>	LASER scanner, Time-of-Flight (ToF) measurement
<b>Emission Characteristics</b>	IR LASER
	Wavelength 905 nm; max. output pulse power 25 W; Class 1
<b>Dimensions</b>	8" (W) x 2 1/2" (H) x 5 1/2" (D) (elliptical) (if mounted with ceiling accessory – visible height 1 1/2", invisible height 2 1/2")
<b>Temperature Range</b>	-13 – 131 °F if powered (storage temperature -31 – 158 °F)
<b>Humidity</b>	0 – 95% non-condensing
<b>Power</b>	External DC power or PoE (IEEE802.3af): power consumption < 12 W
<b>Data Transfer</b>	Ethernet / 3G
<b>Installation Height</b>	79 – 216"
<b>Counting Width Coverage</b>	Equivalent to mounting height
<b>Camera</b>	Resolution 160 x 120, frame rate 15 fps (for counting proof purpose only – optional feature)
<b>Protocols</b>	(S)FTP, SFTP and HTTP(S)