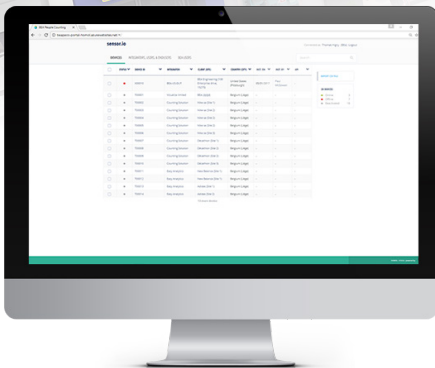


# LZR<sup>®</sup>-SIGMA

## 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.

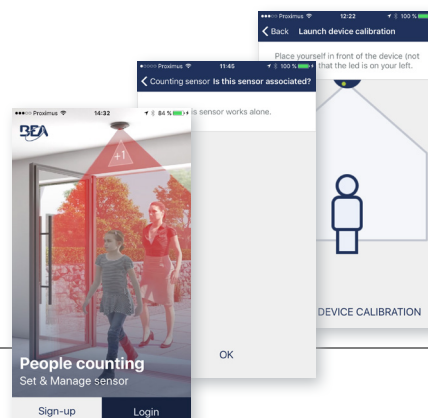


#### MOBILE APP

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.



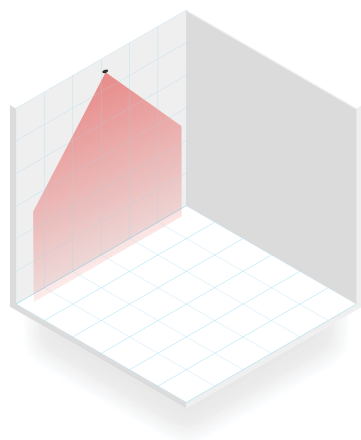
### HIGH PRECISION AND INTELLIGENCE

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>Visual verification (optional)</b>	Resolution 160 x 120, frame rate 15 fps (for counting proof purpose only)
<b>Protocols</b>	(S)FTP, SFTP and HTTP(S)