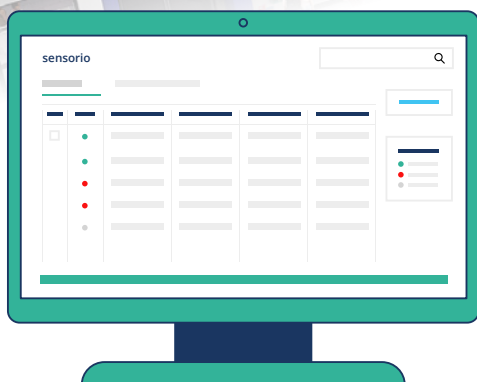# LZR® SIGMA

SOLUTION FOR PEOPLE COUNTING

Commercial sheet

DESCRIPTION

SIGMA provides a all-in-one people counting solution. It is made up of a laser based sensor, a device management platform and a mobile app to create peace of mind.

Manage your device

Sensorio is an online management tool that allows you to activate, set up and update your devices. Your data flow can be integrated to your own analytics tool. Flexible user's permissions allow the asset manager to define a tailor-made access rights for installer and data integrator.

DEVICE MANAGER

Our online management tool allows you to activate, set up and update your devices. Your data flow can be integrated into your own analytics tool.

AUTONOMOUS CONNECTIVITY

Delivered with a cloud-based connectivity, the people counter can be completely independent of local networks and cabling and system contraints.

MOBILE APP

Open the box, plug the sensor, scan the QR Code using the BEA mobile app and let it guide you through a short setup procedure.

Intuitive and fast installation

The application is a step-by step wizard that guides you through the installation process. You can precisely define the counting field and associate devices to cover a large area at once.

Available on the App Store

GET IT ON Google play

Accurate technology

Independent of light variations and weather conditions, the laser time-of-light technology guarantees an accurate counting system, whatever the environment.

Thanks to its high resolution detection field (250 dots per curtain), the people counter offers a reliable counting solution that accurately identifies adults, children and groups of people.

Mounting accessories

Our solution fits into any building environment. Thanks to its 3 different mounting accessories, you can easily place SIGMA inside or outside, near a door or in a ceiling.

INDEPENDENT OF LIGHT CONDITIONS

Our laser technology is totally independant of light conditions. You can now also count with high accuracy in dark or bright places.
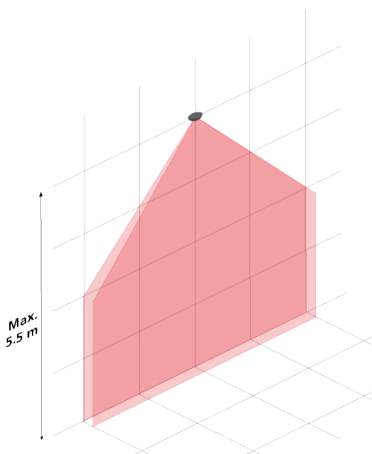
HIGH PRECISON AND INTELLIGENCE

SIGMA naturally filters door movements and can be installed right above the door leaf. Inanimate objects such as shopping carts or strollers are not counted.

INDOOR/OUTDOOR INSTALLATION

Even in extreme weather (rain, fog, snow), the laser technology performance remains completely stable. SIGMA is also IP53, mean you can install it inside or outside.

Technical Specifications

Max. 5.5 m

Technology	LASER scanner, time-of-flight measurement
Emission characteristics IR LASER	Wavelength 905 nm; max. output pulse power 25 W; Class 1
Device dimensions	200 mm [L] × 142 mm [W] × 61 mm [H] (elliptical) (if mounted with ceiling accessory : visible height 37 mm, invisible height 65 mm)
Temperature range	-25°C to 55°C if powered (storage temperature -35°C to 70°C)
Humidity	0-95% non-condensing
Power	External DC power or PoE (IEEE802.3af) Power consumption Max. 12 W/Peak - Avg. 6 W
Data transfer	Ethernet / 3G
Installation height	2 m to 5.5 m
Counting width coverage	Equivalent to mounting height (ratio 1:1)
Video validation	Resolution 160px × 120px, frame rate 15 fps (for counting proof purpose only - optional feature)
Protocols	HTTP(S) and (S)FTP