



 Sensing solutions for
SAFE & HYGIENIC HOSPITALS



INTRO



In the healthcare environment, a wide variety of automatic systems are available, such as automatic doors, barriers, high-speed doors, automated windows...

Hospitals are more impacted by regulations than other public facilities and BEA help meet these standards. Sensing solutions ensure the comfort and safety of people moving in, out, and through a hospital according to the EN16005 safety standard.

Used by everyone throughout a hospital, doors can be a major source of contamination and infection if not specified correctly. Sensing solutions can play a key role in meeting hygiene requirements.

CHALLENGES TO MEET



Safety for everyone

Opening the door only when necessary, while reducing unwanted detections and rejecting cross traffic



Meeting safety standards EN 16005

Energy savings



Hygiene

Touchless activation to open a door without contact encouraging germ reduction



LEARN MORE > <https://bit.ly/3edOZHG>

HYGIENIC AND SAFE

Every day, millions of people are passing through automated doors. Our mission is to offer the highest safety level while ensuring a comfortable and hygienic use for everyone.



TOUCHLESS OPENING SWITCH

In hospitals and other environments where hygiene is essential, automatic doors can be opened by a simple wave of the hand, completely contactless. The **MAGIC SWITCH CHROMA** is a touchless opening sensor, reducing touchpoints and creating a safe passage for everyone, everywhere. A built-in silicone seal makes the product completely hermetic, and the antimicrobial front face helps to keep the surface clean and limits the spread of germs, bacteria, and fungi.



LEARN MORE > <https://bit.ly/32zwsA8>



BACTERIA-FREE AND COMFORTABLE SAFETY

The **LZR®-FLATSCAN 3D SW** offers a hygienic safety solution by avoiding the use of mechanical finger protection. No maintenance and cleaning is required to fight the spread of bacteria. This product is also the first swing door safety sensor with EN 16005 fully certified hinge zone safety.



VIRTUAL OPENING BUTTONS

Thanks to a third output, the **LZR®-FLATSCAN 3D SW** also has an activation function, ensuring hygienic and on demand opening of the door. You can choose between creating up to 2 virtual buttons without the inconvenience of wiring new switches.



LEARN MORE > <https://bit.ly/3sDMyTE>

EASY ACCESS FOR EVERYONE

Managing people flow is a daily challenge. We develop sensing solutions that make everyday life easier for you, your patients & visitors, and all users across a wide variety of applications. Especially in environments with vulnerable people, easy, comfortable and safe access is the key.



WAVE & GO

For people with reduced mobility, the **MAGIC SWITCH CHROMA** is an ideal easy access solution, that ensures an easy & comfortable passage. Hands full? No problem, you can also install the **MAGIC SWITCH CHROMA** as a foot switch in applications where users cannot wave their hand.



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EASY OPENING WITH SECURED PASSAGE

The volumetric safety coverage not only reinforces safety, but also offers more comfort to the users. Thanks to a third output, the **LZR®-FLATSCAN 3D SW** can also use the curtains to activate a door opening. If a person or an object is present in the pathway, the door does not make any sudden movements thanks to the 4 laser curtains.



LEARN MORE > <https://bit.ly/3sDMyTE>

BLENDING INTO ANY ENVIRONMENT

Our sensing solutions are looking out for you in many ways, even if you do not notice them. We aim at streamlined, compact and discrete product design, making sure that our sensors are well integrated into any environment.

DISCRETE & USER-FRIENDLY DESIGN

Thanks to a discrete design, a high degree of protection (IP65) and flush or surface mounting possibilities, the **MAGIC SWITCH CHROMA** blends into any environment and is easy to install and keep clean. With many possible configurations of LED colour, brightness and animation, the **MAGIC SWITCH CHROMA** offers great user experience, even in the dark. In addition, the audio feedback adds comfort for the visually impaired. Furthermore, the look of your **MAGIC SWITCH CHROMA** can be personalized by adding a pictogram that fits your application.

LEARN MORE > <https://bit.ly/32zwsA8>



MINIMAL DESIGN WITH MAXIMUM PERFORMANCE

The design of the **LZR®-FLATSCAN 3D SW** is harmonized to be discreet and look good on all types of doors, while ensuring a maximum coverage of the whole door: the leaf, the leading edge and the hinge zone. Any risk of contact with the door is prevented because it detects all the objects in the pathway and starts closing only when the door area is free of people or objects.

LEARN MORE > <https://bit.ly/3sDMyte>



TOUCHLESS SOLUTIONS

OUR SENSING SOLUTIONS DRASTICALLY REDUCE TOUCHPOINTS

In addition to maximizing comfort and safety for users, our sensing solutions for automatic doors are intrinsically touchless and hygienic.



Touchless

Reducing touchpoints

More than ever, we are realizing how door handles, push buttons and pull cords in public spaces are unnecessary breeding ground for bacteria, germs, and viruses.



Hygiene

Limiting germ spread

Our solutions will not only bring you peace of mind, but they will also drastically reduce non-essential contact and therefore guarantee complete safety for everyone, everywhere.



Innovation

Offering the highest comfort and safety

[LEARN MORE > https://bit.ly/3tyxKai](https://bit.ly/3tyxKai)

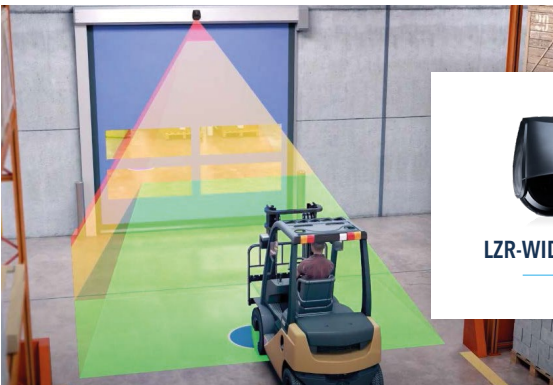


HYGIENIC OPENING FOR WINDOWS

BEA's laser sensor for automated windows, the **LZR®-FLATSCAN W**, does not only secure the window when it is moving, but can also be used to activate it with a simple gesture of the hand. Simply add a virtual button in the detection field.



FLATSCAN W



LZR-WIDESCAN

VIRTUAL PULL CORDS

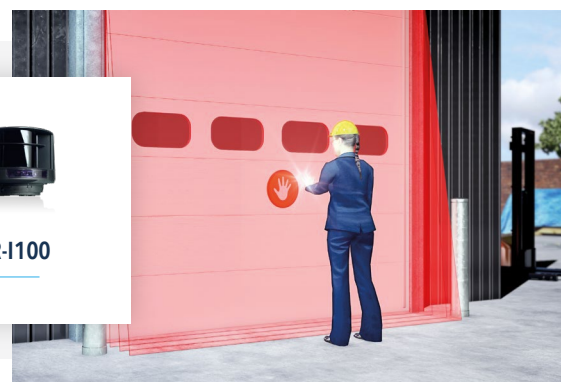
Busy industrial facilities contain many touchpoints that can easily be avoided by upgrading to touchless activation. The **LZR®-WIDESCAN** is a laser sensor for opening, area surveillance and safety in industrial environments. As a touchless alternative to mechanical pull cords, you can add up to three virtual activators to open the door intentionally.

VIRTUAL OPENING BUTTON FOR INDUSTRY

BEA's sensors can be used to upgrade to touchless activation in industrial environments. The **LZR®-1100** is a laser safety sensor for industrial doors with an optional virtual push button that can be used for intentional opening, thus offering a completely touchless and hygienic solution.



LZR-1100



CONTACT

NEED ADVICE ?

Hi, my name is Laura and I can help you find the right solution for your applications. I am happy to discuss your needs and give advice during a zoom or phone call. Looking forward to hearing from you.



 **LAURA FRAMBA**
Consultant Sensing Solutions

CONTACT FORM



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EMAIL

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WHO WE ARE

BEA is a leading manufacturer of sensing solutions for automatic doors systems.

We open and secure your installations all over the world.

3

BUSINESS
UNITS

500

TALENTED
TEAM MEMBERS

1965

FOUNDING
YEAR



**We design, develop
and manufacture sensing
solutions for automatic
applications.**

Pedestrian Sensing Solutions

Industrial Automation Solutions

Vehicle Sensing Solutions

People Counting Solutions

Public Transportation Solutions

Security & Access Solutions

