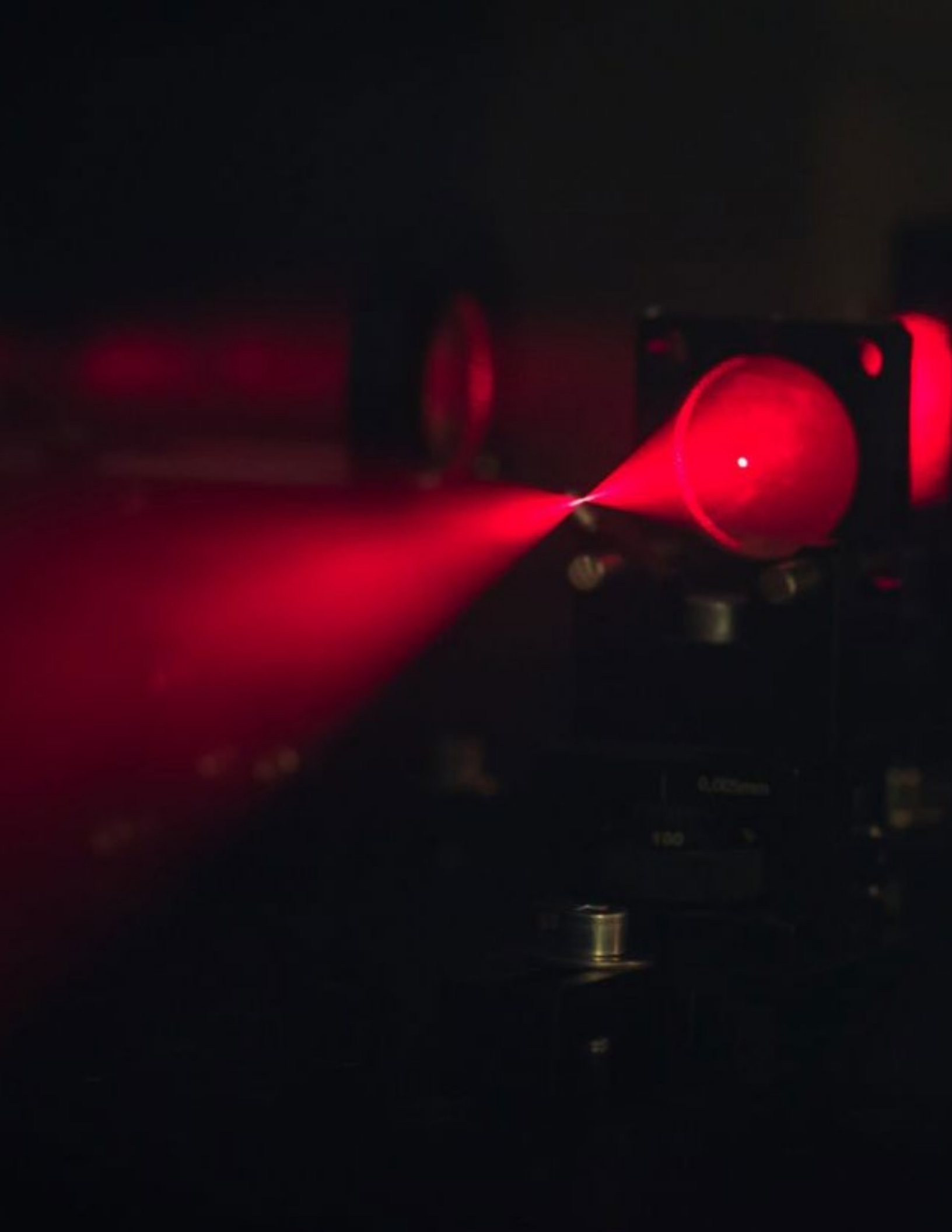
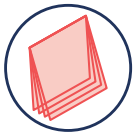
WHERE TO FIND OUR SOLUTIONS

HOSPITAL



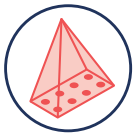
TECHNOLOGIES



LASER

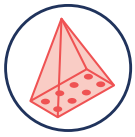
Laser technology works according to the principle of Time-of-Flight. The sensor sends an intense light impulse in a defined direction and measures the time until the signal returns. As the speed of light is a constant value (approximately 300,000 km/s), this time is directly proportional to the distance between the sensor and the first object encountered by the light impulse.

As a result, and by sending multiple beams in multiple directions (2D or 3D), the sensor is capable of knowing the exact position of any object in its detection area at any given time.



ACTIVE INFRARED WITH BACKGROUND ANALYSIS

Active infrared with background analysis technology works with a background (e.g. a sensor shines infrared light on the floor). In this case, the sensor lights up one or more areas and analyzes the energy that returns. Detection is triggered if there is any significant difference when compared to the original picture.



ACTIVE INFRARED WITH BACKGROUND SUPPRESSION

Active infrared with background suppression technology works on the principle of "triangulation" in which the sensor calculates the distance between the emitter and receiver. The emission angle is already known and the reflection angle becomes the key element as the distance to the object can be calculated according to the position of the reflected spot on the receiver side (a triangle can be drawn when you know one distance and two angles).

PASSIVE INFRARED

Passive infrared technology measures the infrared light radiating from objects in its field of view. Motion or presence is detected when an infrared source with one temperature, such as a human being, passes in front of an infrared source with another temperature, such as the normal environment.

RADAR

Radar technology, also known as microwave technology, is based on the Doppler Effect: the radar sensor continuously emits microwaves with a certain frequency in a defined area. These microwaves are reflected back to the sensor by all of the objects present in its environment.

PIEZO

Piezo technology, also known as piezoelectric, is the process of converting mechanical pressure (pushing a button) into electrical energy. A piezo switch is paired with a field effect transistor (FET) that, when pushed, allows current to flow through the FET.

CAPACITIVE

Capacitive technology detects close-range electrically charged objects. A small voltage is applied to a conductive surface, resulting in a uniform electrostatic detection field. When a conductor, such as the human hand, enters this field, detection occurs.

RADIO CONTROL FREQUENCY

Radio control frequency wireless technology uses transmitters and receivers operating on specific radio frequencies. The transmitter applies a radio frequency alternating current to an antenna, which then radiates radio waves. The receiver receives the transmitted frequency and converts the information into a usable form.

VIDEO

Video technology uses optics and light to create pictures and videos. Enhanced definition cameras capture door environment and traffic usage in full color and high quality. Cameras are used within sensors to increase security and decrease liability.

CHALLENGES TO MEET

- Safety Hazards
- Energy Conservation
- Reduce Germ Spread

6 LZR®-H100
10 RESTROOM KIT / EMERGENCY ADD-ON KIT
9 PUSH PLATES
8 LPR36
EAGLE FAMILY 2

KEEP YOUR AUTOMATIC DOORS SAFE AND RELIABLE

ULTIMO

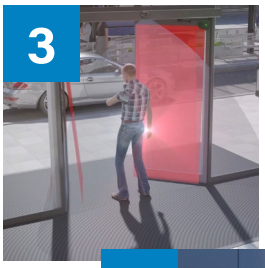
AUTOMATIC SLIDING DOOR SENSOR WITH EXTENDED / ENHANCED SAFETY

- Three infrared curtains, each with 32 independent detection spots, offer deeper and broader safety coverage
- Four visible red alignment spots are projected onto the ground, verifying the location of the infrared curtains and helping to increase the accuracy of setup.

EAGLE FAMILY

MOTION SENSOR FOR AUTOMATIC DOORS

- Immunity settings can be adjusted to reduce unwanted detections caused by rain, snow and header vibrations
- PRM mode for applications frequently used by persons with reduced mobility



LZR®-FLATSCAN FAMILY

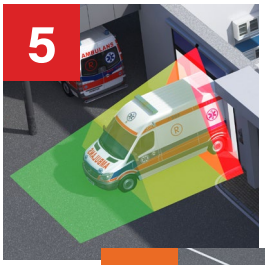
STANDALONE, DOOR MOUNTED SWING DOOR SAFETY SYSTEM

- Single and four-curtain options available
- Hub-less system offers fewer components for easier setup and installation
- Fully monitored internally, capable of external monitoring

LZR®-MICROSCAN T

STAND-ALONE, DOOR-MOUNTED, SWING DOOR SAFETY SYSTEM

- Meets UL 10B/C, fire rated up to three hours
- Selectable traffic modes to accommodate normal, heavy and extreme traffic
- Fully monitored internally, capable of external monitoring



LZR®-WIDESCAN

MOTION, PRESENCE & SAFETY SENSOR FOR INDUSTRIAL DOORS

- Utilize mobile app to easily configure sensor settings (available on the Apple App Store & Google Play Store)
- Virtual pull-cord function can differentiate between pedestrian and vehicle traffic and can provide pulse-on-stop activation

LZR®-H100

LASER SCANNER FOR GATE & BARRIER APPLICATIONS

- Two relays allow for activation via motion or presence
- Time-of-Flight presence-based opto-electronic sensor ensures accurate and immediate detection
- Ability to detect vehicle trajectory during approach and departure

TOUCHLESS ACTIVATION REDUCES GERMS & MAXIMIZES ACCESSIBILITY

MS09

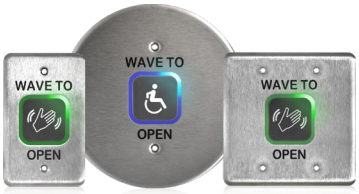
IP65 RATED, MICROWAVE TOUCHLESS ACTUATOR

- Adjustable sensing zone from 4 to 24 inches
- IP65 enclosure capable of use in industrial and extreme environments, as well as wash down facilities
- Can be used in a variety of indoor and outdoor applications
- External mounting boxes are not required

MS31

MICROWAVE TOUCHLESS ACTUATOR WITH ADJUSTABLE RANGE AND RELAY HOLD TIME

- Adjustable sensing zone from 4 to 24 inches
- IP54 rated enclosure for protection against outdoor weathering and daily cleaning
- Faceplates come in jamb, single-gang, double-gang, and round sizes and are available in black, white and gray colors

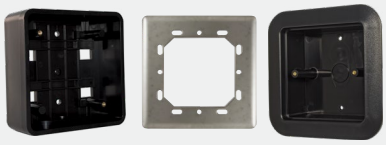


MS41

STAINLESS STEEL, TOUCHLESS ACTUATOR WITH ADJUSTABLE RANGE AND RELAY HOLD TIME

- Adjustable sensing zone from 4 to 24 inches
- IP55 rated enclosure capable of use in industrial and extreme wash-down environments
- Stainless steel faceplate increases durability and protection from daily cleaning
- Adjustable illumination and activation signaling

ACCESSORIES



MOUNTING BOXES

FLUSH & SURFACE MOUNT BOXES

- Easy battery access surface mount box available
- Mounting boxes and brackets
- Adapter and weather rings

BOLLARDS

EXTERIOR MOUNTING OPTION

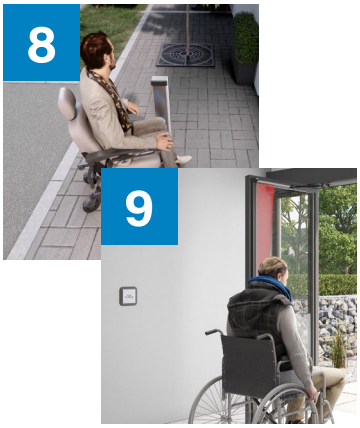
- Choice of Bronze, Silver or Black

900 MHZ SERIES

WIRELESS TRANSMITTERS & RECEIVERS

- IP65 rated handheld transmitters available
- BEA also offers 433 MHz & 300 MHz frequencies

MAXIMIZE ACCESSIBILITY IN ANY ENVIRONMENTS



LPR36

FULL-LENGTH, 36 INCH HIGH-LOW ACTUATOR

- Hardwired and wireless versions available
- An economical actuator for ADA building codes requiring two push plates

PUSH PLATES

STAINLESS STEEL ACTUATORS

- Available in various sizes and styles to fit almost any application, hardwired and wireless
- Water-resistant, IP65 rated versions available

RESTROOM KIT

FOR SINGLE OCCUPANCY NORMALLY LOCKED / UNLOCKED RESTROOM

- Kit includes BR3-X logic module, Occupied Indicator, "Push to Lock" Button and Door Position Switch

EMERGENCY ADD-ON KIT

FOR SINGLE OCCUPANCY RESTROOMS

- Kit includes "assistance required" Signal, "Push for Emergency Assistance" Button + Indicator and Emergency Signage

900 MHZ SERIES

WIRELESS TRANSMITTERS AND RECEIVER

- Connects up to 500 feet (open-air transmission)
- DIP switch function settings and push button learn modes
- 1, 2, 3 and 4 button hand-held transmitters, plus an in-wall transmitter
- IP65 rated handheld transmitters available
- BEA also offers 433 MHz & 300 MHz frequencies

ACCESSORIES

TRANSFORMERS

12 VAC, 24 VAC

- Variety of transformers available to meet the needs of most applications

BOLLARDS

EXTERIOR MOUNTING OPTION

- Choice of Bronze, Silver or Black

POWER SUPPLIES

UL LISTED

- Free standing enclosure for powering BEA sensors, locks and accessories
- Battery backup option available

SECURE VALUABLE RESOURCES & MANAGE TRAFFIC FLOW

SPARROW

VARIABLE MOUNT INDUSTRIAL MOTION SENSOR

- Ten sensor sensitivity settings can be applied to optimize detection
- IP64 rated enclosure for industrial and harsh environments

R2E-100

FOCUSED ACTIVE INFRARED REQUEST TO EXIT SENSOR

- UL 294 / ULC S319 Listed
- Low profile sensor mounts on or above the door frame

UL LISTED MAGLOCKS

MAGLOCKS WITH ADJUSTABLE RELOCK TIME DELAY & LOCK STATUS SENSOR

- Adjustable zero to 90 second relock time delay
- Lock status sensor with visible LED offers either normally open (NO) or normally closed (NC) output configurations
- Input voltage of 12 / 24 VDC , must be used with UL Listed power supply

ELECTRIC STRIKES

RIM EXIT & UNIVERSAL CYLINDRICAL STRIKES FOR ACCESS CONTROL

- Three modular faceplates for the most common door types: hollow metal, aluminum and wood
- UL 294 & UL1034 listed Universal Cylindrical and Rim Exit Strikes
- UL tested to 250,000 cycles, factory tested to 1,000,000 cycles

UNIVERSAL KEYPADS

VERSATILE ACCESS CONTROL DEVICES

- Allows for up to 1100 individual user codes
- IP66 rating ideal for outdoor or harsh environments

LOGIC MODULES

PROGRAMMABLE 2- & 3-RELAY LOGIC MODULE

- 2-relay logic module with built-in 900 MHz wireless technology
- Programmable 3-relay logic module with 13 functions for sequencing doors with other devices (i.e., lights)

KEEP IN TOUCH

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