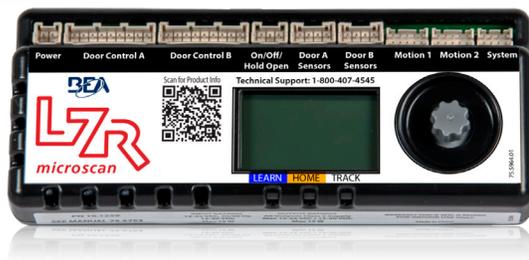
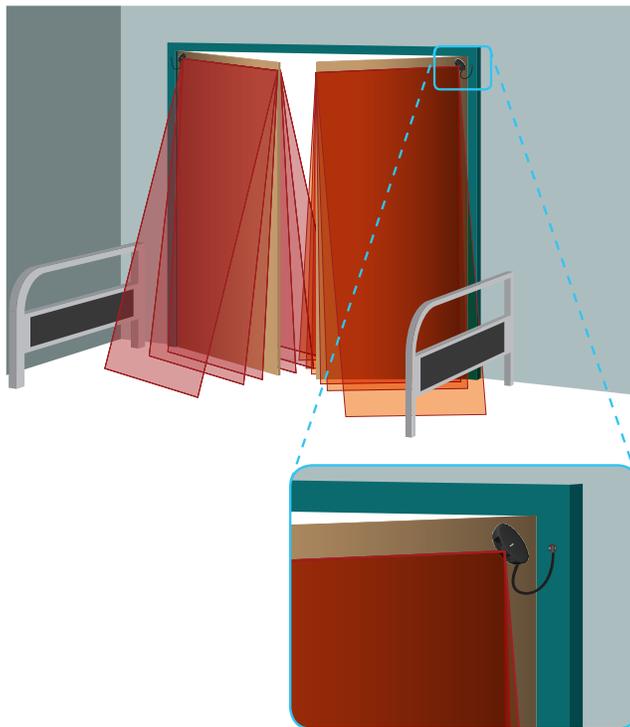


LZR[®]-MICROSCAN T

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



PRIMARY APPLICATION



DESCRIPTION

BEA's LZR-MICROSCAN T is a LASER-based sensor system designed for automatic swing doors. It is the premier safety sensor system on the market.

Using sophisticated Time-of-Flight technology, the LZR-MICROSCAN T eliminates all past limitations of infrared-based devices. Its background independence eliminates nuisance detections caused by changing weather and floor conditions, while gyroscopes sense the movement of the door for accurate positioning.

The LZR-MICROSCAN T provides adjustable pattern depths that exceed the ANSI 156.10 8.2.2.3 standard and offer 100 percent coverage in all door states (fully open, fully closed, opening and closing).

FEATURES & BENEFITS

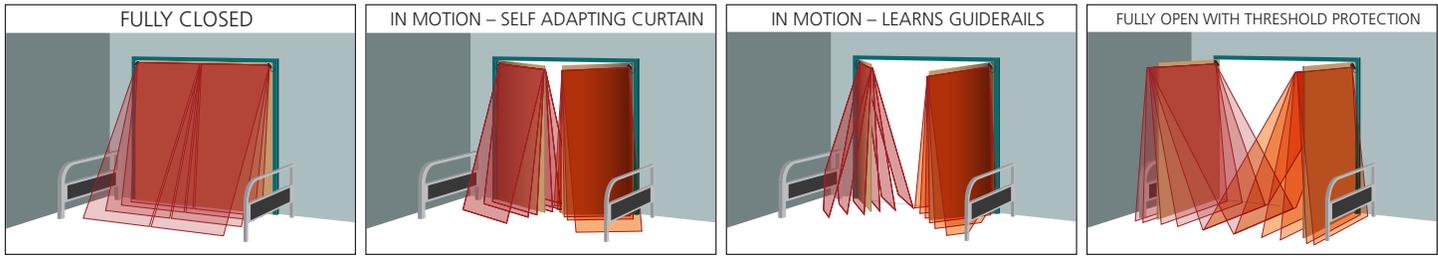
- Plug & play technology utilizing a centralized hub and intuitive LCD interface greatly reduces installation and setup time
- High resolution, self-adapting detection zones, coupled with reduced uncovered zones create the most accurate and reliable safety sensor
- On-board error log ensures easy technical support
- Fully monitored internally, capable of external monitoring
- Fire rated for up to three hours



BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

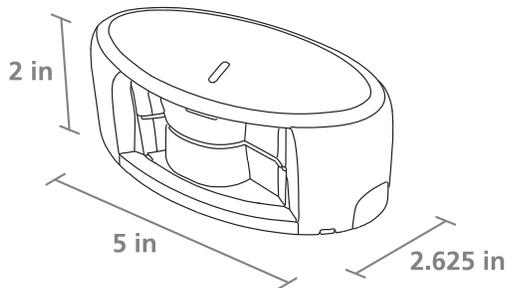
FULL COVERAGE IN ALL DOOR STATES



TECHNICAL SPECIFICATIONS

Technology	LASER scanner, Time-of-Flight measurement
Detection Mode	Presence
Min. / Max. Door Width	20 – 48" (per door leaf) (measured from leading edge to sensor LED)
Mounting Height	75 – 98" (6¼ – 8½') (measured from finished floor to sensor LED)
Remission Factor	> 2%
Angular Resolution	2.56°
Testbody	12" (W) x 28" (H) x 8" (D) (according to UL 325)
Emission Characteristics IR laser	Wavelength 905 nm; Maximum Output Pulse Power 35 W (Class I)
Supply Voltage	12 – 30 VDC (15 W Class II)
Power Consumption	< 15 W
Response Time	Typ. 40 ms; Max. 80 ms
Output Rating	4 electro-mechanic relays (galvanic isolated - polarity free) All outputs Class 2 supply, 12 – 24 VAC, 12 – 30 VDC, Max. 15 W
Input Rating	2 optocouplers (galvanic isolated - polarity free) 12 – 24 VAC, 50 / 60 HZ, 12 – 30 VDC, Max. 15 W
Test Input*	8 – 15 VDC
Temperature Range	-13 °F – 121 °F (-25 °C – 55 °C)
Degree of Protection	Hub: IP20 / NEMA 1 Sensor: IP53 / NEMA 3
Humidity	0 – 95% Non-condensing
Vibrations	< 2 G
Material	PC / ASA
Norm Conformance	EN 60825-1-Eye-safety class 1 IR laser (905 nm), UL60730, UL 10B/C Fire Rated 3hrs (file #R39071)
Mounting Angle (rotational)	35° fixed
Tilt Angle	0° – 5° (for angles less than 5° contact Technical Support)
Pollution on Front Screens	Maximum 30%; Homogenous

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10LZRMICROSCAN1T
SINGLE SWING
DOOR KIT



10LZRMICROSCAN2T
SIM PAIR / DUAL
EGRESS KIT



10LZRMICROSCAN1UT
CUSTOM SINGLE
UNIVERSAL KIT



10LZRMICROSCAN2UT
CUSTOM PAIR / DUAL
UNIVERSAL KIT



10LZRMICROSCANHUB
LZR-MICROSCAN HUB



10MICROSCANMOUNT
MOUNTING ARM



70.5554
MOUNTING SPACER



10LZRMICROLEFT
LEFT MOUNT SENSOR



10LZRMICRORIGHT
RIGHT MOUNT
SENSOR



10MICROSCAN-Y
Y-HARNES



10MICROSCAN-UKIT
UNIVERSAL
ACCESSORY KIT



70.5745
SENTREX RETROFIT
ACCESSORY

35.1321

Replacement sensor cover, Black

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LZR®-MICROSCAN T

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

79.0163.18

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