



IXIO-ST

PRESENCE SENSOR FOR AUTOMATIC INDUSTRIAL DOORS

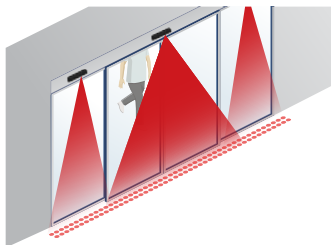
DESCRIPTION

BEA's **IXIO-ST** is an effective, versatile and easy-to-use presence sensor for automatic sliding doors. It can be used for both clear door openings and side-lite protection.

Precise infrared curtains coupled with visible alignment beams make the **IXIO-ST** extremely safe and easy to adjust. This state-of-the-art sensor features an on-board LCD screen that streamlines the installation and setup processes.

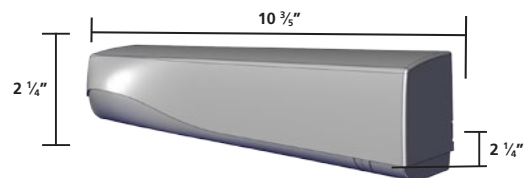
The **IXIO-ST** can be adjusted into an ANSI compliant solution and has earned a comprehensive list of credentials and certifications, including FCC and IP54.

APPLICATIONS



Dual Slide with Sidelite Protection

DIMENSIONS



TECHNICAL SPECIFICATIONS

TECHNOLOGY / PERFORMANCE

Detection mode:	Presence typical response time: < 200 ms (max: 500 ms)
Technology:	Active infrared with background analysis Spot: 2" x 2" (typ) Number of spots: max. 24 per curtain Number of curtains: 2
Mounting height:	6'6" – 11'6" local regulations may impact acceptable mounting height (pedestrian applications only)
Sensor temperature range:	-13 – 131 °F * 0 – 95% relative humidity, non-condensing LCD screen is operational from 14 – 131 °F. The sensor may still be programmed in colder temperatures, but with the remote control.

ELECTRICAL

Output:	
Relay 1	Electromechanical relay (potential and polarity free) Max. contact current: 1 A Max. contact voltage: 30 VAC Adjustable hold time: 0.5 – 9 s
Relay 2	Solid-state relay (potential and polarity free) Max. contact current: 100 mA Max. contact voltage: 42 VDC / 30 VAC
Test/Monitoring input:	Sensitivity: Low: < 1 V High: > 10 V (max. 30 V) Response time on test request: typical < 5 ms
Supply voltage*:	12 – 24 VAC ±10% 12 – 30 VDC ±10% to be operated from SELV-compatible power supplies only
Power consumption:	< 1.5 W
Noise:	< 70 dB

PHYSICAL

Degree of protection: IP54

COMPLIANCE

Compliance: ISO 13849 PL «c» CAT. 2
(under the condition that the door control system monitors the sensor at least once per door cycle)

* External electrical sources must be within specified voltages and ensure double insulation from primary voltages

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