

Sensors for pedestrian doors/
Dual-technology sensor for automatic sliding doors
 (opening and safety)

IXIO-DT1



**Double
technology**



EN16005 / DIN18650



**CTRL REMOTE
CONTROL**

> see page A102

**Recommended
for programming
XIO-DT1/DT3**



IXIO-DT1 is a dual technology motion and presence sensor, combining microwave activation and infrared presence detection for the automatic sliding door industry.

Reliable safety

The tridimensional safety field is composed of high-density infrared curtains, protecting users from any contact with the doors. The flexible infrared field can be adapted to all types of sliding doors and is stable in all surroundings and weather conditions.

Thanks to the unidirectionality of the radar field, the door closes sooner and is more energy efficient. Rejection of cross-traffic is also optimized to reduce unwanted openings caused by passing pedestrians.



**48 Infrared
spots**

adjustment also possible
via **SPOTFINDER**

> see page A102



Combined with the **IXIO-ST** (see page A109) for safety during opening, it offers a complete solution for sliding doors, compliant with the EN 16005 and DIN 18650 safety standards.

The **movement** (opening and closing the door) is operated by a microwave doppler radar, while user's **safety** is guaranteed thanks to the two 24-spot infrared curtains active for background analysis.

Sensor adjustment



Intuitive configuration
thank to
multilingual LCD screen



**4 visible spots indicate
infrared curtain angle**

Overview of
all the
settings
through the **decoder app**



Technology: Microwave doppler radar + Active infrared with background analysis

Detection mode: Motion (Radar) + Presence (Infrared)

Output: Solid-state-relay (Motion) + Solid-state-relay (Presence)

Supply voltage: 12-24Vac +/-10%; 12-30Vdc +/-10%

Mounting height: from 2m to 3,5m

Temperature range: -25°C +55°C; 0 - 95% relative humidity, non condensing

Conformity: EN 16005:2012; DIN 18650-1:2010 Chapter 5.7.4

APE - 790 / 0252

IXIO-DT1

IXIO-DT3

EN16005 / DIN18650



**Just like IXIO-DT1 but with
added external surveillance
for emergency exits**

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IXIO-DT3