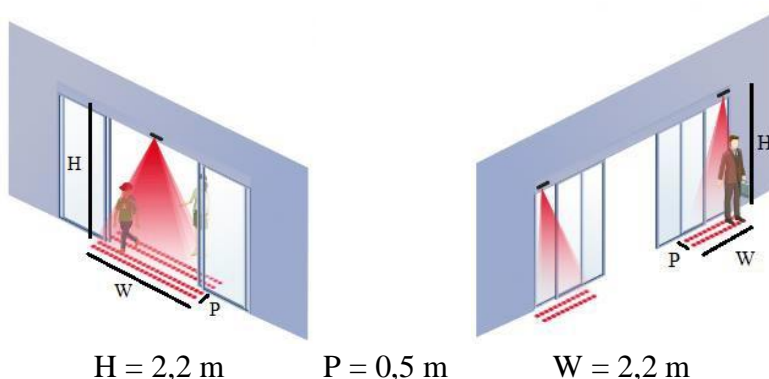


Security Systems

These peripherals units maintain the correct functioning and safe usage of automation. All security system units are connected to the dMotion card and are specific to the layout and positioning of the automatic door.

Infrared sensors

Based on active infrared and microwave technology, they are positioned high up, inside the false ceiling, allowing the monitoring of both the transit area and the lateral sliding area of the doors. They can be single or double coupled to the door start sensor



- Power supply voltage: $12 \div 30$ Vdc
- Mounting height: $1.8 \div 3$ m
- Technology: active infrared with background analysis
- Degree of protection: IP54
- Angle: $-4 \div +4$

- Accessories: ceiling recessed kit



Photocell

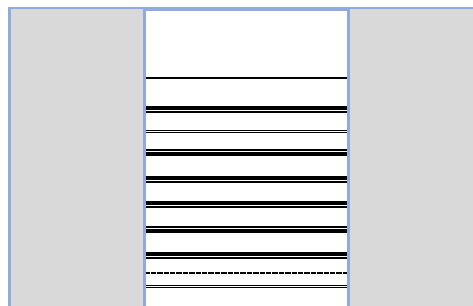
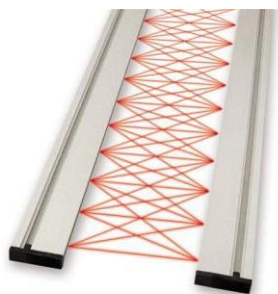
Based on infrared transmitter/receiver system technology, the photocells have very compact dimensions and are installed on the fixed segments of the door. They are usually installed when infrared sensors cannot monitor the entire surface.

- Power supply voltage: 24 Vdc
- Technology: modulated infrared transmitter / receiver
- Degree of protection: IP54



Optical barrier

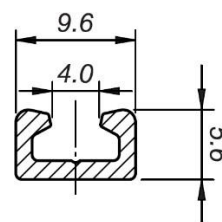
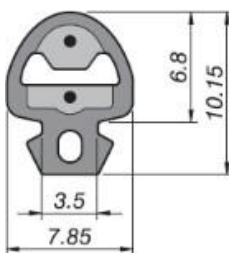
Owing to a multi-radius curtain with a vertical scanner, optical barriers ensure the scanning of 180 cm for the entire transit zone. The very compact dimension of just 9 mm width allows the optical barrier to be hidden easily, and it is recommended when a single photocell sensor is not enough.



- Power supply voltage: 24 Vdc
- Technology: modulated infrared transmitter / receiver
- Emitting diodes: n ° 20
- Spokes: n ° 84
- Degree of protection: IP54

Sensitive edges

These sensors are typically used with curved doors, where the chance of having non-monitored areas is very high. Sensitive edges are constituted by two contact-based elements that are inserted in a thermoplastic elastomer and connected to an electronic control unit. Sensitive edges are installed with steel supports and are fixed on the anterior or posterior side of the sliding leaves. The high levels of commuting cycles make this component a reliable and long-lasting unit.



- Power supply voltage: 24 Vdc
- Material: thermoplastic elastomer
- Activation angle: > 90 °
- Activation stroke: ≤ 1.0 mm
- Activation force: < 25N
- Degree of protection: IP65