

HITRON

Your guide to Automatic Sliding Door Safety



Pedestrian Safety



Ease of Installation



Product Reliability

EN 16005

Sliding door safety requirements

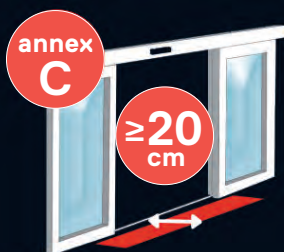


Vulnerable door users:

There must be no contact with the moving door leaf when a significant proportion of door users are elderly, infirm, disabled or young children.

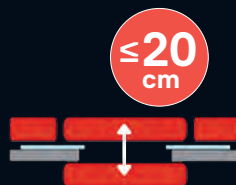
Door closing safety:

Sensors must provide a minimum safety zone of 20cm in front of the door & protect the entire width of the door opening. It is preferable that the safety zone is wider than the door opening. (Annex C).



Threshold safety:

The maximum distance between the outside and inside sensor safety zones should be no greater than 20cm.



Door opening safety: (side screen safety)

The entire width of the opening & closing area must be protected if the space between the fully opened door and the adjacent wall is <20cm.



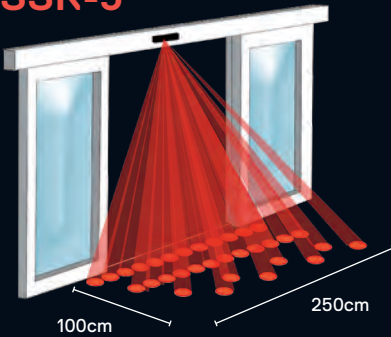
Risk assessment:

The on site risk assessment must consider the prevention of contact between the door leaf & vulnerable door users and the safety measures employed on the door to protect them.

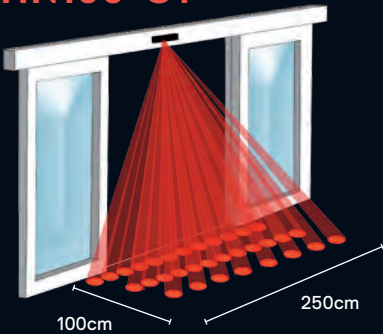
Making automatic doors safer for everyone

Door closing zone safety
at 2.2m installation height:

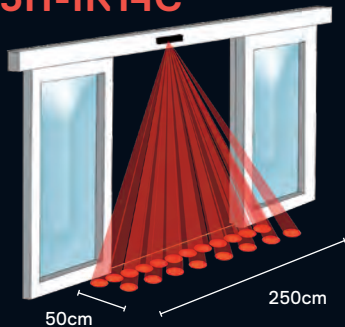
SSR-3



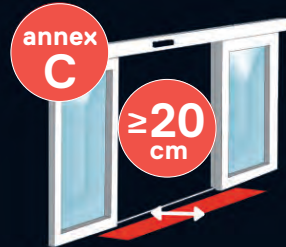
HR100-CT



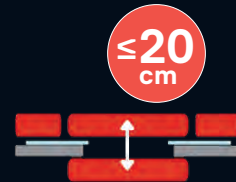
3H-IR14C



Door closing safety



Threshold safety



DoorLearn technology protects pedestrians on both sides of the door & on the threshold. It also reduces the distance between the outside & inside sensor safety zones to zero - exceeding EN 16005.



Did you know..?

Hotron infrared spot size =

20
cm



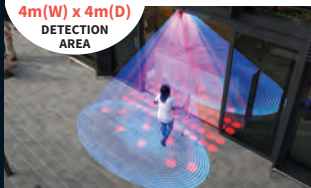
Sliding Doors

ACTIVATION & SAFETY >

SSR-3 SERIES



4m(W) x 4m(D)
DETECTION
AREA



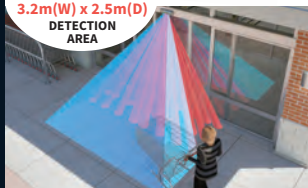
Radar + 3 infrared rows

- Multipurpose sensor for emergency exits and standard doors
- Energy saving cross traffic & unidirectional detecting technology

HR100-CT



3.2m(W) x 2.5m(D)
DETECTION
AREA



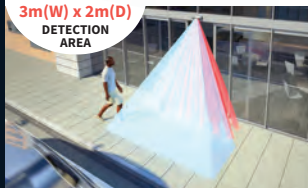
5 infrared rows

- Accurately adjustable detection area to suit any application
- 3 row safety curtain protects pedestrians in and around the door closing zone

3H-IR14C SERIES



3m(W) x 2m(D)
DETECTION
AREA



4 infrared rows

- Extremely compact door activation & safety or side screen safety sensor
- Low 38mm profile allows for discreet, internal mounting

TOUCHLESS SWITCH >

ClearWave



5 - 40cm
DETECTION
RANGE



Radar

- Extremely low profile - protrudes only 20mm from the wall surface
- Surface mounted and supplied with 3 different face-plates

PUSH BUTTON >

WT-400



10m
TRANSMITTING
RANGE



Slim profile push pad

- Wireless: pair an unlimited number of switches to 1 receiver
- Simple push button pairing with the receiver