

Safescan

presence

The most advanced presence sensor for automatic doors' safety compliance

sensing the future



Safescan: be ANSI compliant!

- **Meets or exceeds the new ANSI 156.10-2005 standards** as independently tested by TÜV [USA]
- **Higher performance & reliability** with advanced digital active infrared technology
 - Swiss engineered
- **Advanced flexibility** with two adjustable rows of focused active infrared for presence detection, and a mounting height of up to 13'
- **Higher safety** with faster detection
- **Accelerated installation** and set-up with RC Duo, our exclusive bidirectional remote control
- **Faster set-up** with preconfigured applications based on the nature of the building



Discover the most advanced presence sensor for automatic doors safety compliance

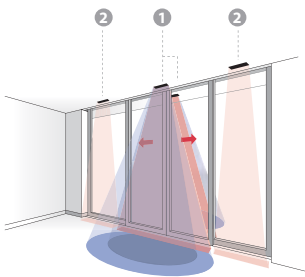
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Safescan is the ideal sensor to make your sliding doors compliant with the new higher ANSI/BHMA 156.10-2005 standards. Safescan features a double curtain of active infrared technology for safe and reliable presence detection along the door and sidelite panels.



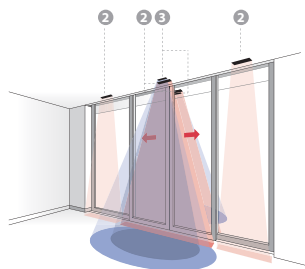
Applications

SLIDING DOOR SAFETY - NEW DOOR



In a new installation, select the Profusion [1] for activation and safety in the doorway. Optionally, you can also add Safescans [2] to provide sidelite safety.

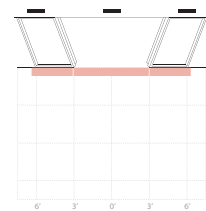
SLIDING DOOR SAFETY - RETROFIT



Typically, an existing sliding door already has a pair of motion sensors installed [3]. Bring the door to compliance with the addition of two Safescans [2] [1 on each side for doorway safety].* Optionally, you can also add Safescans [2] to provide sidelite safety.

*Always refer to the ANSI/BHMA 156.10-2005 standards for details. This document is not a substitute to the standards.

Sensing fields



Max. size: 7.6' x 0.7' [2.3 m x 0.2 m]
Min. size: 1.3' x 0.3' [0.4 m x 0.1 m]

Fields measured with sensor mounted at 7'2" [2.2 m]

Safescan features a double curtain. The sensing field is adjustable in 9 configurations for maximum flexibility. The sensor features a negative angle capability to position the sensing field close to the door leafs.

Accessories



RC Duo
Remote Control Duo
Exclusive bidirectional remote control with immediate feedback from the Safescan on the remote.



Safescan Rain Protection [SASC-RP]
Protects the Safescan from the weather.



Safescan Ceiling Recessed [SASC-CR] kit
Enables the installation of the Safescan in a ceiling or profile for recessed or concealed applications.



Safescan Ceiling Attached [SASC-CA]
Enables the installation of the Safescan attached to the ceiling.

Components



1. sensor
2. cover
3. cable
4. LED indicator
5. active infrared presence sensor
6. mounting screws

Ordering

part number	name	description
sensors		
F534.115020	Safescan black	Safescan black
accessories		
F534.116910	SASC-CA	Safescan Ceiling Attached: ceiling mounting bracket
F534.116911	SASC-CR	Safescan Ceiling Recessed: ceiling recessed mounting
F534.116912	SASC-RP	Safescan Rain Protection cover
F539.90000	RC Duo	Remote control

Technical specifications

general characteristics

supply voltage	12 to 36 VDC
power frequency	50 / 60 Hz
operating current	max. 200 nA
mounting height [min / max]	4.9' / '13' [1.5 m / 4.0 m]
degree of protection	IP 54
product conformity	ANSI/BHMA 156.10-2005; R&TTE 1999/5/EC & EMC 89/336/EEC; EN12978
dimensions	9.84" x 2.44" x 1.85" [250 x 62 x 47 mm]
housing material	cover: ABS; base: ABS / PC
color of housing	black / silver
cable length	10' with plug [2.5 m]

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presence sensor

technology	digital focused active infrared
number of curtains	2
response time	typ. 400 ms
output specification	transistor configurable as NPN or PNP (jumper) short circuit proof max output current: 100 mA max switching power: 40 V DC
manual adjustments	orientation of sensing field shape of sensing field [with adhesive masks] multiple functions: push buttons
remote control	multiple functions: output signal, width of sensing field, and more.

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