

SpotScan

presence

High precision safety sensor for difficult areas

sensing the future



SpotScan: the safety spot!

- **Quickest installation & set-up** - virtual plug-n-play
- **Higher performance** with advanced active infrared technology, installation up to 10' high!
- **Superior look** with ultra-small design, easy to recess or combine with sharp looking housing options
- **Total versatility** - can be installed on a stationary or mobile support
- **Higher quality** - Swiss engineered!

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SpotScan

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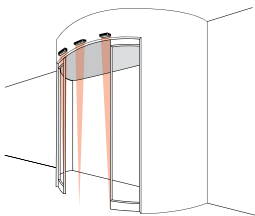
SpotScan is a compact active infrared presence sensor with a spot detection field of 2" in diameter.

SpotScan is the perfect solution to assure safety in difficult areas such as guillotine/pinch zones [where a moving door leaf reaches a fixed door leaf].



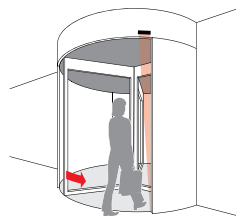
Applications

CURVED SLIDING DOOR SAFETY



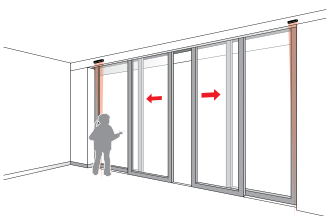
SpotScan is ideal where safety beams can not be used [curved sliding doors].

REVOLVING DOOR SAFETY



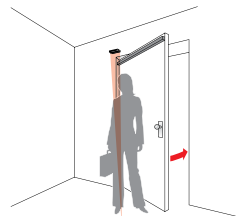
SpotScan protects the pinch area of revolving doors.

SLIDING DOOR SIDELITE SAFETY



SpotScan is perfect for sidelite protection.

SWINGING DOOR HINGE SAFETY



SpotScan provides safety on the hinge side of swinging doors.

Sensing fields

SENSING FIELDS

SpotScan's sensing field is a 2" spot, with a mounting height of up to 10 feet!

Accessories



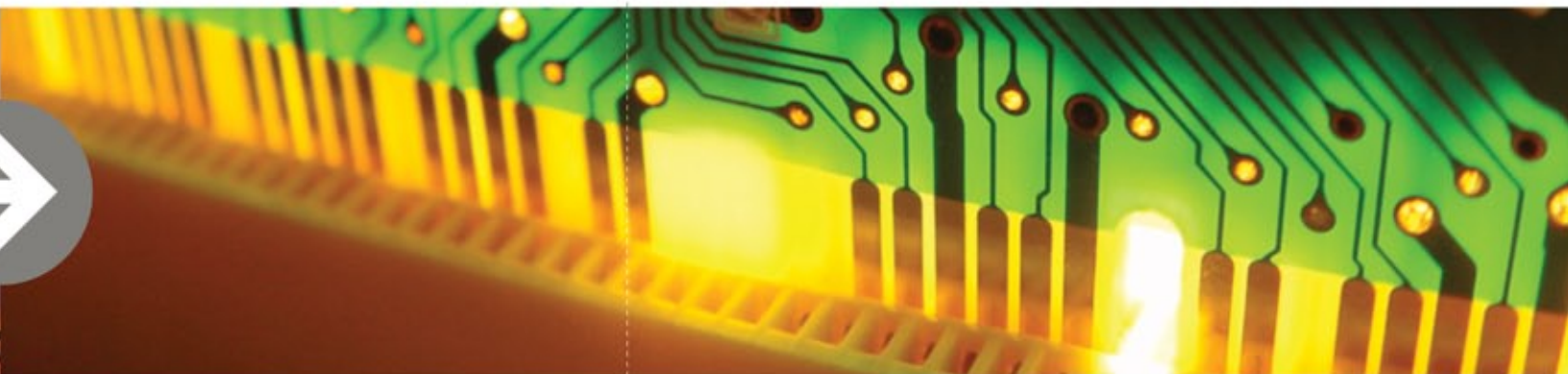
SPSC-RP
SpotScan Rain Protection
Protective cover for rain and mechanical protection. Also provides an elegant look.



SPSC-RC
SpotScan Recessed Closed
Flush-type cover for built-in installation.



SPSC-RO
SpotScan Recessed Open
Enables the recessed mounting of the SpotScan in a ceiling.



Components



1. swivel mounting bracket
2. front cover with optics window
3. transmitter lens
4. receiver lens
5. scanning range setting screw
6. DIP switches 1-3
7. LED display
8. cable

Ordering

part number	name	description
sensors		
212175	SpotScan	Relay output
212162	SpotScan P	PNP output
accessories		
212816	SPSC - RP	Rain protection cover dark grey
212812	SPSC - RP	Rain protection cover pearl white
213451	SPSC - RC	Recessed closed mounting plate black
212795	SPSC - RO	Recessed open mounting frame black

Technical specifications

general characteristics

supply voltage	SpotScan: 10 - 48 V DC / 11 -36 V AC, SpotScan P: 10 - 30 V DC
power frequency	50 / 60 Hz
operating current	max. 100 mA
mounting height [max]	max. 9.8' [3000 mm]
degree of protection	suitable for application in accordance with IP54, with protective cover IP65
dimensions	
sensor only	4.02" [W] x 1.77" [H] x 1.26" [D] [102 x 45 x 32 mm]
with swivel bracket	4.84" [W] x 1.77" [H] x 1.97" [D] [123 x 45 x 50 mm]
with mounting bracket	5.51" [W] x 1.77" [H] x 1.34" [D] [140 x 45 x 34 mm]
material	housing: ABS, optical cover: lexan
color of housing	black

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product conformity	R&TTE 1999/5/EC & EMC 89/336/EEC - FCC - ANSI/BHMA 156.10-2005
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cable length	16.4' with plug [5 m]
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presence detector

technology	active infrared
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output specifications SpotScan	relay max. switching voltage: 48V AC /DC max. switching current: 0.5 A AC / 1 A DC
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output specifications SpotScan P	1 PNP transistor, 0.2 A / 30 V DC open collector; short-circuit proof reversed polarized protection
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manual adjustments [dip switches]	dip switch 1 frequency selection dip switch 2 mobile or stationary operating mode dip switch 3 NO or NC output
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scan width setting	3.3' - 9.8' [1000 - 3000 mm]
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scan area	3.3' -9.8' [1000 - 3000 mm] stationary 1.8' - 9.8' [550 - 3000 mm] mobile
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field size at 6.6' [2 m]	approx. 1.97" x 1.97" [50 x 50 mm]
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operating mode	mobile or stationary
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response time	approx. 50 ms
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