



DOOR MOUNTED
QUADSCAN
PRESENCE SENSOR



The Quadscan is a fully monitored*, standalone, door-mounted sensing system that can be adjusted into compliance with current ANSI standards.

- Quadscan I has approximately twice the coverage area of the SuperScan I and approximately the same effective coverage area as the SuperScan II.
- Installation and set up require no remote control and is accomplished by pressing the set up button provided on the Quadscan module.
- Angular tilt adjustment is accomplished by the turn of a screw without removing the module from the housing.
- Ease of installation is facilitated by use of plug-in connectors.
- Reduces inventory by stocking only one type of module.

* External monitoring requires a monitoring capable door control

International Door Closers, Inc.

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West: 800-544-4422 • East: 800-225-6737

www.intldoorclosers.com

TECHNICAL SPECS

Technology

Active Infrared with background suppression

Mounting height

3' 7" to 9' 10"
1.1 m to 3 m

Max. number of modules

4 (or up to 6 if 24 V DC)

Detection Field at Finished Floor (WxD)

15 3/4" x 2 3/4"
@ 6 1/2 ft. & 4 spots active;
400 mm x 70 mm
@ 2.00 m & 4 spots active

Input

1 optocoupler
Free of potential contact
Max. contact voltage:
30 V
Voltage threshold:
high: >10 V DC
low: <1 V DC

Output

2 relays
Free of potential contact
Max. contact voltage:
42 V AC/DC
Max. contact current:

Output (continued)

1 A (resistive) Max. switching power:
30 W (DC) / 60 VA (AC)

Supply voltage

12 V – 24 V AC \pm 10%
12 V – 30 V DC -5% / +10%

Max current consumption

65 mA @ 24 V AC
75 mA @ 24 V DC
(EACH MODULE)

Object Reflectivity

min 5% at IR-wavelength of 850 nm

Degree of protection

IP53

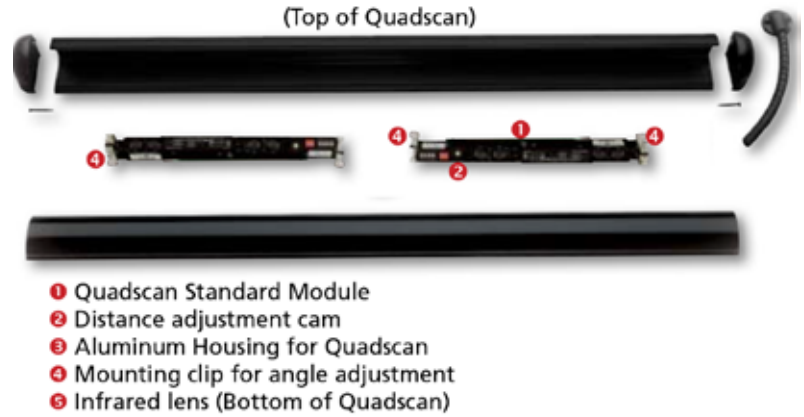
Temperature range

-13° F to + 131° F
(-25° C to +55° C)
0–95% relative humidity, non condensing

Norm conformity

EMC 2004/108/EC;
MD 2006/42/EC
EN ISO 13849-1:2008
Performance Level CAT 2; EN 12978

COMPONENTS

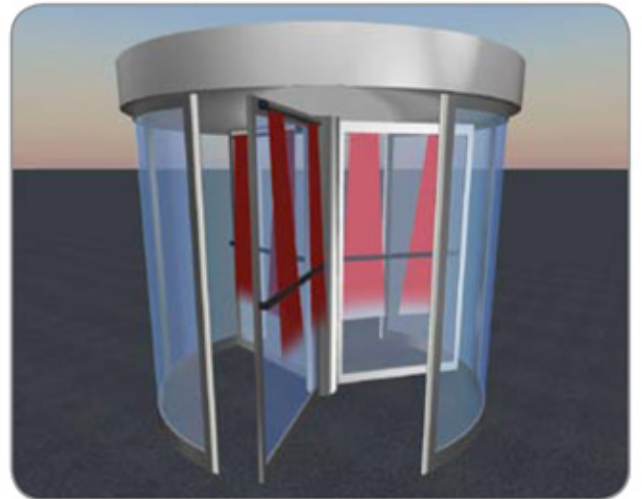
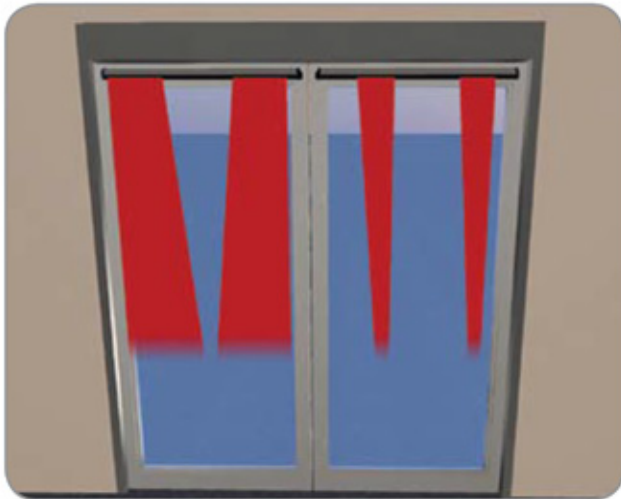


PRODUCT LINE

- 10QUADSCANi** – Quadscan I (includes one quadscan module)
- 10QUADSCANii** – Quadscan II (includes two quadscan modules)
- 10QUADSCANiii** – Quadscan III (includes three quadscan modules)

Note 1: Custom lengths are available for non standard applications. please contact our sales team for More information.
Note 2: the quadscan iii will not fit in the standard 36" housing.

QUADSCAN APPLICATIONS



Eagle
Flat antenna motion detector



Br3
Programmable 3 Relay logic module with 12 selectable functions



Round Push Plates:
Any 4.5", 6" or Panther Style



Square Push Plates
Any 4.5", 4.75", 6" or Panther Style

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