Secumatic

Sensors

Pedestrian detection

Radar 520

Information here needs to be added.

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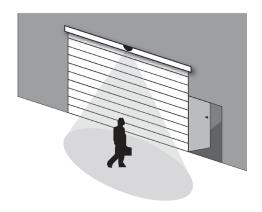


SECUMATIC B.V.

SUPPLIER OF SOLUTIONS IN ACCESS-, SECURITY- AND AUTOMATION-TECHNOLOGY

The latest generation of door radar

- small and compact design
- high accuracy
- high sensitivity
- large, adjustable coverage
- high immunity to interference
- fast response time
- wall or ceiling mounting
- integrated weather roof optional













Radar-remote

Technical Data

Operating principle
Detection speed
Approvals
Detection field angle
Sensing range

Operating frequency
Operating mode
Function display
Operating controls

Operating voltage
Current consumption
Power consumption
Signal output
Operating mode
Switching voltage
Switching current
Switching power
Off-delay time

Microwave module min. 0.1 m/s (measured in sensor axis)

0° - 90° in 5° steps

At inst. height of 2200 mm and 30° angle: Wide: 4500 x 2000 mm (WxD)

Narrow: 2000 x 4500 mm (WXD) 24.05 GHz - 24.25 GHz K band

Radar motion sensor Red LED

Red LEL

Potentiometer for adjusting sensitivity Predetermined breakaway tab for relay switching mode

12 - 36 V DC / 12 - 28 V AC

< 50 mA

< 1.7 W at 36 V DC \mid < 1.2 W at 28 V AC

Relay, 1 NO contact Active/passive Max. 48 V AC / 48 V DC Max. 0.5 A AC / 1 A DC Max. 24 W / 60 VA Ambient temperature Relative humidity Installation height Degree of protection Connection

> Housing material Weight Transmitting power

Dimension without weather cap:

Dimension with weather cap:

-20 $^{\circ}$ C to 60 $^{\circ}$ C / 248 - 333 K Max. 90%, not condensing Max. 4000 mm

IP 54

4-pin connecting plug (2 m connecting cable with preassembled connecting plug included in delivery package)

ABS 130 g

< 20 dBm EIRP

101 mm (w) x 61 mm (h) x 59 mm (d)

120 mm (w) x 73 mm (h) x 74 mm (d)

Ordering Information

- Radar 520 Stereo radar motion detector with directional detection
- Radar 500 Mono radar motion detector
- $\bullet \ Radar\text{-}remote \ The \ remote \ control$

Warranty Secumatic B.V., the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, installation or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. Secumatic B.V. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at Secumatic's option of a part or parts not so conforming to the warranty. In no event shall Secumatic B.V. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship.

