

Secumatic

Sensors

P e d e s t r i a n d e t e c t i o n

Radar 500

The radar is designed in mono version, a door opener of the extra class. Thanks to many years of experience integrated in the micro-processor, the settings up to the service technician get reduced to the setting of sensitivity / field size. (All in one)
The Radar is equipped with a 90° rotating printed board module with integrated antenna in K-Band (24.125 GHz). The innovative technology of printed board with integrated patch-antenna allows for a compact design.

The Radar impresses with a technology-compliant quality. The vandal safe housing is stylish, functional and the „ball-design“ with integrated adjustment is patented.

Stick the drilling template in place, screw the base plate of recyclable plastic on, connect cable to terminal screw connector, click the cover on and finished is the mounting.

The detection area is adjustable from 10° to 360°.

Max. detection area at installation height 2.2 m and tilt angle 30°.



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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

Narrow detection area (printed board rotated by 90°): 2.0m x 4.5m
 Wide detection area (standard): 4.5m x 2.0 m



Radar 500



Radar-remote

Technical Data

Supply voltage	12 - 36 V DC / 12 - 28 V AC
Current consumption approx.	ca. 50mA @ 24 V DC, 20°
Power	< 1 W
Microwave module	K-Band 24.05GHz - 24.25HGz
Transmitting power	< 20 dBm
Relay output potential free	NO oder NC
Rating	0.5 A 120 V AC / 1A 24 V DC
Max. switching power	24 W / 60 VA
Max. switching voltage	120 V AC / 60 V DC
Max. switching current	1.0 A
Hold time	0.5 s
Temperature range	-20 to +60°C / -4°F to 140°F
Atmospheric humidity	0 to 90% RH, non-condensing
Protection class	IP54
Housing material	ABS
Dimensions	100mm (B) x 60mm (H) x 57mm (T)
Weight	100g
Max. installation height	4m
Electromagnetic compatibility	CE in accordance with EMC directive 89/336/EEC
Min. detection speed	0.1 m/s
Approval	CETECOM, test report no. 2-3279-01-01/03
Quality	Made in Switzerland

Ordering Information

- Radar 500 Mono radar motion detector
- Radar 520 Stereo radar motion detector with directional detection
- Radar-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.

