

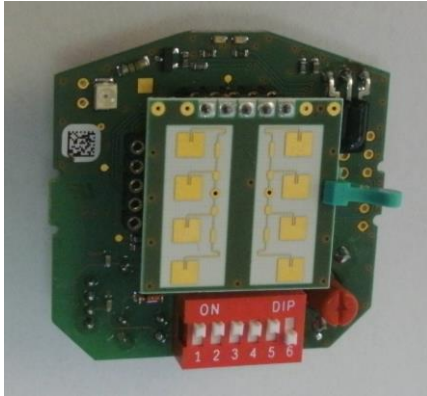
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Elite-S(-RC)





- high accuracy
- high sensitivity
- large, adjustable coverage
- high immunity to interference
- fast response time
- direction detection
- cross traffic setting
- immunity adjustment
- turtle mode
- save movement detector of persons and vehicles
- simple adjustment of the recording field; 3D-function
- version RC for the programming with remote control

Detection capabilities

Direction detection



-  No direction detection
-  With forward direction detection (towards the sensor)
-  With backward direction detection (away from the sensor)

Cross-traffic suppression




-  Little cross-traffic (1 - 5)
Door remains closed if little cross-traffic
-  Frequent cross traffic (6 - 10)
Door remains closed if frequent cross-traffic

Slow motion (Turtle mode)






Detection of very slow-moving movements

-  "Door closed" setting (LED green)
Door opens when a slow-moving object approaches which would not be detected with standard detection
-  "Door open" setting (LED red)
The door closes if no movement is detected within the set monitoring time.

Monitoring time/sensitivity

-  1 second/decreasing
-  3 seconds/decreasing
-  5 seconds/constant maximum sensitivity

LED status indication

Color indicator	Status
 Green	Device ready for operation
 Red	Detection active
 Green flashing	Command received
 Red flashing	Fault
 Red/green flashing	Initialization after switching on

Immunity (1 - 7)

Immunity can be used to minimize interference such as rain, vibration and reflections.
1 = Low immunity
7 = High immunity

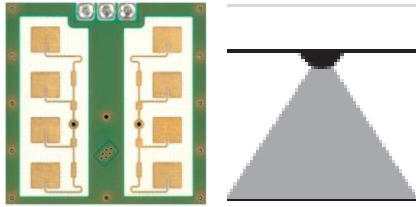
Commissioning

The hardware and software are initialized when the operating voltage is connected. This initialization period lasts 10 seconds. The system LED flashes red/green. Set the sensor. Check the settings by walking the sensing area. Additional functions can only be set during the initialization period.

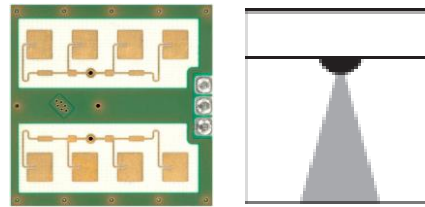
- DIP switch 1: Off-delay time setting (output)
- DIP switch 2: Immunity setting
- DIP switches 3 + 1: Slow motion detection area (Turtle mode) - Door open
- DIP switches 3 + 2: Slow motion detection area (Turtle mode) - Door closed

- DIP switch 4: Restoring default settings (RESET)
- DIP switch 5: Activate additional functions menu
- DIP switch 6: Must always be in "ON" position!

Opening angle 60°



Opening angle 30°



Simple operation

Elite-S (-RC) is available from the factory with pre-programmed settings. Detection mode Mono/Stereo, turtle mode, cross traffic fade-out and the relay contact will be adjusted with the DIP switch. The sensitivity is adjusted optimally with the potentiometer.

Technical Data

Supply voltage	12 - 36 V DC / 12 - 28 V AC
Current consumption approx.	ca. 50mA @ 24 V DC, 20°
Connection cable	3 m
power	< 1,2 W at 24 V AC < 1.7 W at 36 V DC
Microwave module	K-Band 24.05GHz - 24.25GHz
Transmitting power	< 20 dBm
Relay output potential free	NO oder NC
Rating	0.5 A 120 V AC / 1A 24 V DC
Indicator LED	Red on detection
max. switching power	24 W / 60 VA
max. switching voltage	120 V AC / 60 V DC
max. switching current	1.0 A
Hold time	0.2s - 0.5 s adjustable
Temperature range	-20 bis +60°C
Atmospheric humidity	0 bis 90 % RH, non-condensing
Protection class	IP 00
Dimensions board	45mm x 45mm
max. installation height	15 m
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