



SatSENS.4d

The professional version for monitoring big interiors.

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SatSENS.4d mainly finds its use in the monitoring of bigger interiors e.g. interior of trailers or containers. Due to the independently operating light and motion sensors the SatSENS.4d is able to detect light and motion at any time and both values can be evaluated independently from each other. The strength of this module is particularly the almost 360° view.

Overview of strengths

- Four independently operating light and motion sensor
- Almost 360° view, therefore it offers high security and flexibility in installation
- Compatible to devices of the SatMOS® family and third-party
- Adjustable sensitivity
- Low power consumption (suitable for battery operation)

Specifications

- Dimensions: 75 x 78 x 44 mm (Length x Width x Height)
- Weight: 140g
- Operating temperature: -20°C - +60°C (PIR) / -40°C - +75°C (LDR)
- Ambient humidity: 0 - 90% rF, condensation not permitted
- Operating voltage: 6 - 36 V @ 50 µA
- PIR sensor technology: Pyroelectrically with a range up to 12m
- PIR sensitivity: 7 - 14 µm at 37°C body temperature
- Signal bandwidth: 0,2 - 10 Hz
- Light sensitivity: 5 - 10 Lux, depending on temperature and light color



Connections

- • Parallel connection of any number of sensors possible
- • 4-wire, colored, approx. 20cm, open cable end
- White = Voltage, e.g. +24V
- Brown = digital PIR signal, 0V = motion!, >1V = no motion!
- Green = digital LDR signal, >1V = light!, 0V = darkness!
- Yellow = 0V / GND

Space Segments

