



SatSENS.4d

Sat SENS.4d is mainly used to monitor larger areas such as the inside of a trailer or container. Thanks to the independent sensors for light and movement, it is possible to react precisely and reliably at all times and evaluate both values independently. The strength of the module also lies in the almost 360° panoramic view.

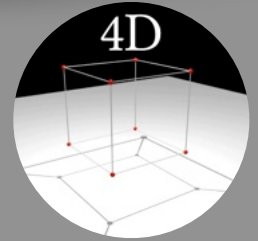
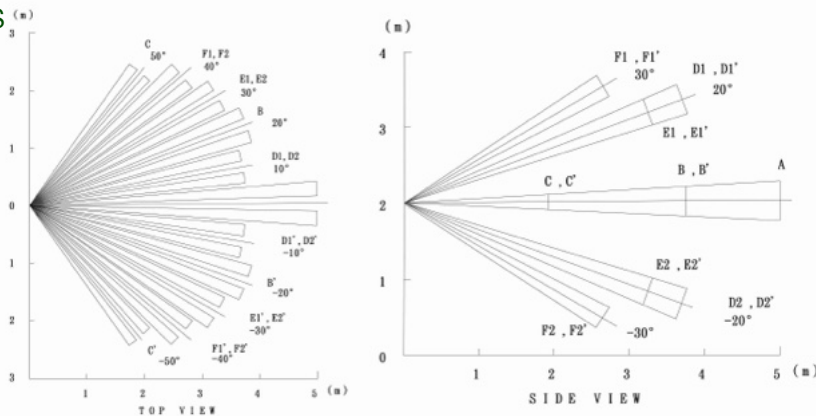
Technical data

Physical dimensions	140 g
Weight	75 mm x 78 mm x 44 mm (L x W x H)
Operating temperature	-20°C to +60°C (PIR) / -40°C to +75°C (LDR)
Ambient humidity	0 - 90% rH, condensation not permitted
Operating voltage	6 - 36 V @ 50 µA
PIR sensor technology	Pyro-electric with a range of 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

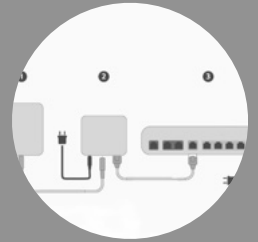
Connections

Extension	Parallel connection of any number of sensors possible
Cable	4-wire, colored, approx. 20cm, open cable end
white	supply voltage, e.g. +24V
● brown	digital PIR signal, 0V means movement, >1V no movement
● green	digital LDR signal, >1V means light, 0V means darkness
● yellow	0V / GND

Room segments



Four independently operating light and motion sensors



Can be connected to SatMOS® devices and third-party providers



Low power consumption suitable for battery operation



Adjustable sensitivity