AMBER

AMBER is a motion detector using dual element PIR sensor. Digital detection algorithm and temperature compensation algorithm are used for reliable operation in a wide range of ambient temperatures as well as high immunity to false alarms. Two sensitivity levels are available: high and low. The device has a red LED indicating violation of the supervised area as well as tamper protection against opening the enclosure. AMBER is characterized by low power consumption (< 3 mA).

The main task of the detector is to detect violations in the protected area. However, it can also be used to implement the building automation functions. When the alarm system is not armed, the detector can control turning on the lights, opening or closing the door, etc. Compact size is one of AMBER advantages: it is one of the smallest motion detectors offered by SATEL, and that's why it is eagerly chosen by the users.

- digital signal processing
- temperature compensation
- sensitivity adjustment

Detected target velocity	0,3...3 m/s
Enclosure dimensions	48,5 x 66 x 36 mm
Operating temperature range	-10...+55 °C
Recommended mounting height	2,4 m
Nominal supply voltage (±15%)	12 V DC
Standby mode current consumption	3 mA
Max. current consumption	3 mA
Weight	36 g
Alarm signaling time	2 s