Wireless dual PIR and MW motion detector - anthracite



Code: JA-162PW-AN

This product is a wireless device of the JABLOTRON 100+ system. It is designed to detect human body movement inside buildings. A high immunity to false alarms is reached thanks to the combination of PIR and microwave (MW) detection. The detector works like a classic PIR detector, however, when the PIR detects movement in a guarded area, the MW part is activated and confirms the previous PIR activation.

Product description:

The detector features a white lens that provides standard white light immunity as defined by the norm (up to 6000 lux). The immunity to false alarms can be set at two levels, PIR and MW. The detector operates with a pulse reaction and takes up a single position in the system.

Technical information:

Power supply	2x lithium battery, type: CR123A (3 V/1500 mAh) Please note: Batteries are not included.
Typical lifetime of batteries	4 Years
LowBatt state	< 2,7 V
Quiescent current consumption	65 µA
Maximum current consumption	50 mA
Communication band	868,1 MHz, JABLOTRON protocol
Maximum radio-frequency power (ERP)	25 mW
Communication range	cca 300 m (open area)
Recommended installation height	2.2 – 2.5 m above floor level
Detection angle/detection coverage PIR	90°/12 m
Detection angle/detection coverage MW	80°/12 m
Operational frequency MW	24,125 GHz
Maximum radio-frequency power (ERP)	30 mW
Dimensions	63 x 150 x 40 mm
Weight (w/o batteries)	125 g
Classification	Security grade 2/Environmental class II (according to EN 50131-1)
Operating temperature range	-10 °C to +40 °C

Average operating humidity	75 % RH, w/o condensation
Certification body	Trezor Test s.r.o. (no. 3025)
In compliance with	ETSI EN 300 220-1,-2, ETSI EN 300 440, EN 50130-4, EN 55032, EN 62368-1, EN 50581, EN 50131-1, EN 50131-2-4, EN 50131-5-3, EN 50131-6
Operating conditions according to general authorization	ERC REC 70-03