

Date/Doc revision: 19-Apr-2024

Project Name: Motion Sensor



A908LF

TECHNICAL SPECIFICATIONS

- **Model:** PPIR
- **Tamper:** Yes
- **LED:** x1
- **Wired:** N/A
- **Case Material:** PC+ABS
- **Color:** White
- **Mounting:** 3M 4930 Adhesive, M3 x 16mm Screws
- **Battery:** CR123A 3.0V (1500mAh) x1
- **Battery Life:** ≈ 5 years @ 100 timer triggers per day
- **Standby Current:** 22 uA
- **Active Current:** 2.3 mA
- **Operating Temperature:** 32° to 120.2°F (0° to 49°C)
- **Relative Humidity (Storage):** 80% Max. non-condensing
- **Weather Proofing:** N/A
- **Regulatory:** FCC, ETL, RCM



CONNECTIVITY

- **Transmitter Frequency:** 433MHz
- **Wireless Signal Range:** up to 820 ft.*, open air, with Security Panel**
- **Modulation:** OOK
- **Encryption:** Yes, 1-way
- **Frequency Hopping:** N/A
- **Supervision:** Yes, ≈ 60 minutes

DIMENSIONS

- **Height:** 2.94 in.
- **Width:** 2.14 in.
- **Depth:** 1.63 in.

FEATURES***

- **Detection Distance:** up to 32.8 ft.
- **Detection Angle:** 90°
- **Mounting Height:** up to 7 ft.
- **Sensitivity Levels:** Low, High
- **Pet Immunity:** 33lbs, 55lbs

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* The front of the Sensor is facing the panel LCD. The panel is installed at a height of 4.92 ft. The Sensor is installed at a height of 6.89 ft.

** The location of the Sensor can have a significant effect on range. In open/unobstructed situations, the transmitter range may be greater. In adverse wireless conditions, you may encounter a decrease in range.

*** Test Environment - Background Temperature 78.8°F (26°C), Blackbody Temperature 96.8°F (36°C)