



Myers MSS-AK-PIR1 is a wireless PIR motion sensor operating on 433 MHz and 315 MHz radio frequencies. The device provides detection coverage up to 8 meters with a 110-degree detection angle when wall-mounted. It features flash alarm notification and transmits signals up to 80 meters. Powered by a single 9V 6F22 battery with 250 mAh capacity, the sensor draws 40 µA idle current and 15 mA peak current. The plastic housing measures 110 × 53 × 37.3 mm and weighs 80 grams. Operating temperature ranges from -20°C to 40°C with humidity tolerance of 20-95% RH non-condensing.

Product details	
Model	MSS-AK-PIR1
SKU	7951
Specifications	
Radio frequency	433 MHz, 315 MHz
Transmission distance	80 m
Electrical specifications	
Idle current	≤ 40 µA
Peak current	≤ 15 mA
Alarm specifications	
Alarm mode	Flash alarm
Mechanical specifications	
Detection distance	8 m
Installation method	Wall
Detection angle (wall)	110°
Housing material	Plastic
Dimensions	110 x 53 x 37.3 mm
Weight	80 g
Power	

Battery type	9V (6F22) × 1
Battery capacity	250 mAh
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Operating temperature	-20 - 40 °C
Storage temperature	-30 - 50 °C
Common	
Warranty	3 years