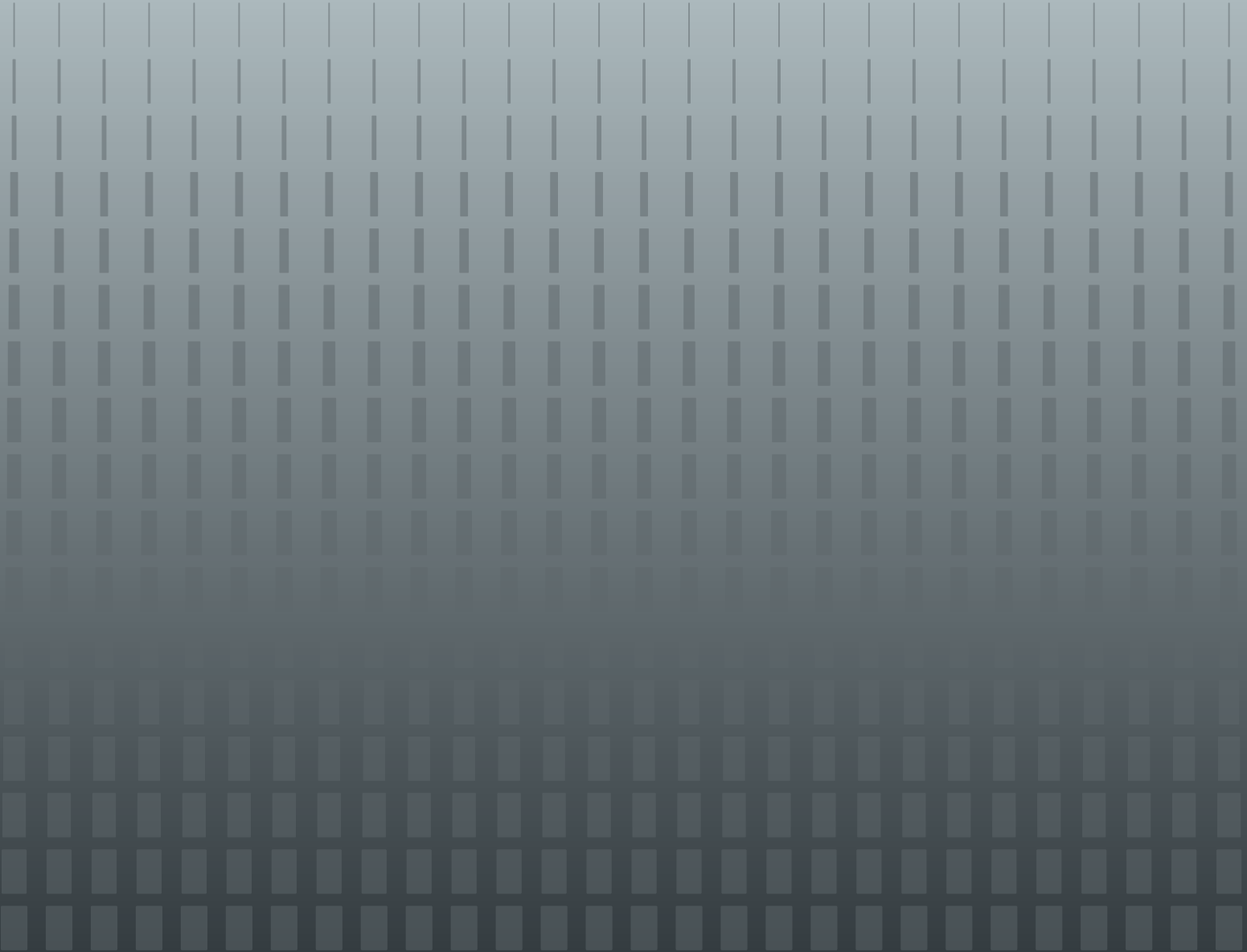


Motion Detector Specifications





Motion Detector

Specifications

2025



Features

Hub-Required Connectivity

Connects to the internet via a DOOR Hub, not directly via WiFi or local network

360° and 120° Detection Coverage

360° horizontal cone from below and 120° side-profile cone; effective detection range is up to 20 feet (6 meters)

Flexible Installation Options

Can be wall- or ceiling-mounted with adhesive strip or magnetic plate; suggested install heights: 5 ft wall, 9–13 ft ceiling

Battery Powered

Uses 2 × AAA batteries (pre-installed); low-battery indication via fast red LED blinking every 30 seconds

PIR Infrared Motion Detection

Detects body movement based on temperature changes; optimized for cross-field motion over direct approaches

Environmental Limits

Operating range of 32°F to 122°F (0°C to 50°C) on standard batteries, or down to -4°F (-20°C) with lithium batteries



Dimensions

Main Sensor Body	2.44 in (Diameter) × 1.10 in (Depth)
Metric Equivalent	62.0 mm × 27.8 mm
Mounting Plate Diameter	1.97 in (50.0 mm)

Specs

Standby Power Consumption	≤0.06mW
Power Supply Method	Battery Alkaline AAA*2
Battery Voltage	DC 3V
Battery Capacity	1100mAh
Battery Life	5 Years
Alarm Voltage	2.67V
Low Voltage Disconnection Threshold	2.50V
Static Current	≤20uA
Operating Current	≤135mA
Detection Distance	9-13 feet (Ceiling), 5 feet (Wall)
Detection Angle	360° (from below or above), 120° (side profile)
Measured Object	Infrared (IR) Radiation Signal
Wireless Range	>300m (Open-Air)
Frequency (US Version)	LoRa frequencies: 910.3MHZ/923.3MHZ

Environmental

Operating Temperature	-4°F - 122°F (-20°C-50°C) Optimal Battery Performance: (32°F - 122°F, 0°C-50°C)
Operating Humidity	≤95%RH, No condensation
Storage Temperature	41°F - 86°F (5°C-30°C)