



IR Motion Detector Sensor

This is a wireless battery-based infrared motion detector sensor. Once it detects a motion, it sends the data wirelessly (via BLE) to the IoT Gateway. This device can also connect to the BLE Mesh Network through connecting to our Low Latency Router. It has adjustable detection sensitivity making it suitable for a variety of detection environments. Its sealed induction cavity design avoids false alarms caused by thermal current interference.

Application:

- **Occupancy Detection**
- **Equipment Usage Detection**
- **Environment Monitoring**

Description	BLE IR Motion Detector Sensor
Model No.	DS-Motion Detector Sensor
BLE Type	BLE 4.1. Can also connect to our BLE Mesh Network.
Output Transmission	Alarm Report, Tamper Alert, Battery Level Status, Heartbeat
Size (LxWxH)	100x100x33.5 mm 3.93x3.93x.3.14 in
Power Output	100m (+4dbm)
Alarm Indicator	LED Status Indicator
Detection Distance	6m at 25°C
Detection Area	360° looking down at height of 2.5-4m.
Ingress Protection	IP65. Dust Proof
Battery Type	Two LR6 1.5V Batteries
Battery Lifetime	24 months*
Battery Replaceable	Yes
Color	White
Material	ABS
Operating Temperature	-20 to +50°C -4 to +122°F
*Note	Depends on the usage