



Motion Sensor FGMS-001

Product Overview:

The Fibaro Motion Sensor is a universal Z-Wave multi-sensor. Along with detecting motion the device measures the temperature and light intensity. The sensor has a built-in accelerometer to detect any tampering of the device.

The Fibaro Motion Sensor is battery powered device and designed to be installed quickly and easily on any surface. The LED indicator signals motion, temperature level, operating mode and can be used to see if device is within the Z-Wave network. The motion sensor can be used for lighting scenes and security monitoring systems.

Product Highlights:

- Unique design
- Detects event the slightest motion and changes in temperature,
- One of a kind, earthquake detection functionality,
- Battery powered,
- Wireless communication via Z-Wave protocol,
- Features wireless software update.
- Compatible with any Z-Wave or Z-Wave+ Controller.
- Supports protected mode (Z-Wave network security mode) with AES-128 encryption.



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Technical Data:

- Power Supply: CR123A battery, 3.0 VDC
- EU directive compliance: LVD 2006/95/EC, EMC 2004/108/EC, R&TTE 1999/5/EC, RoHS 2011/65/EU
- Recommended installation height: 2,4m
- Operational Temperature: 0 - 40°C*
- Measured Temperature Range: -20 to 100°C
- Temperature Measuring Accuracy: 0,5°C (within 0°C-40°C range)
- Light Intensity Measuring Range: 0 - 32000 LUX
- Radio Protocol: Z-Wave Plus
- Radio Frequency: 868.4, 869.85 MHz EU; 908.4, 916.0 MHz US; 921.4, 919.8 MHz ANZ; 869.0 MHz RU;
- Range: up to 50 m outdoors; up to 40 m indoors (depending on terrain and building structure)