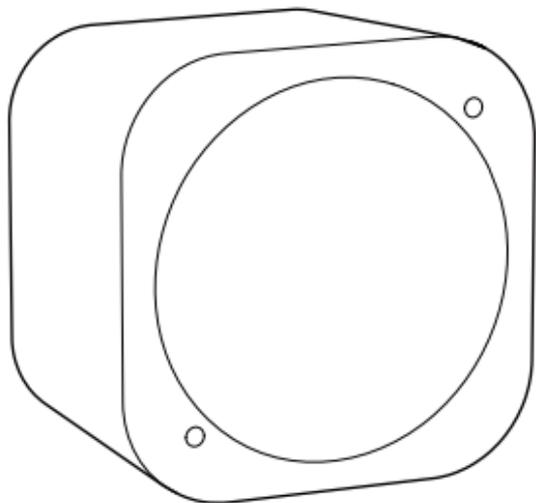


OOMI

MULTISENSOR



① Oomi by Fantem MultiSensor.

6 sensors. 1 impossibly small device.

The corner of your room just got 6 times smarter.

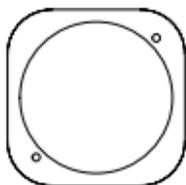
Oomi by Fantem' MultiSensor looks like nothing that has come before. It's a motion sensor and it's also so much more. Installing this 1 piece of Z-Wave® technology is the same as installing 6 pieces of Z-Wave technology. Your home control network will immediately understand motion, temperature, humidity, light, Ultraviolet and Vibration readings wherever MultiSensor is installed. Those intelligent readings will equate to intelligent automation. And intelligent automation will give you the perfect smart home.

② Familiarize yourself with your MultiSensor.

Your MultiSensor comes packaged with a number of accessories that will help with its installation and operation.

Package Contents:

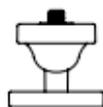
1. MultiSensor
2. Battery Cover
3. Back-Mount Arm
4. Double-Sided Tape
5. Screws (×2)
6. Micro USB Cable



①



②



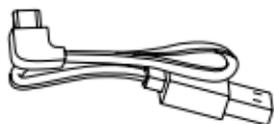
③



④

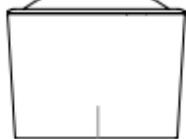


⑤



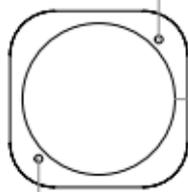
⑥

Motion Sensor



Vibration Sensor

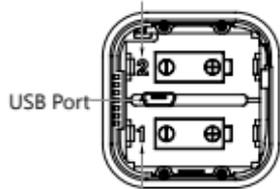
RGB LED



Temperature

Light Sensor and UV Sensor

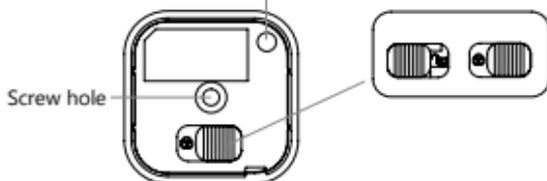
Secondary battery hold



USB Port

Primary battery hold

Action Button



Screw hole

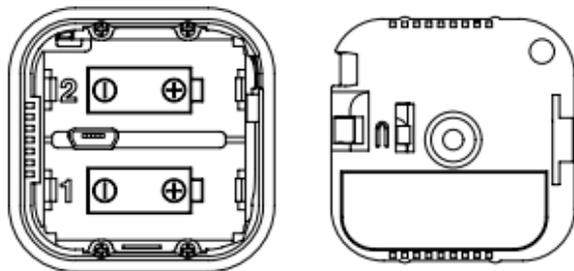
③ Quick start.

Setup your power.

MultiSensor can be powered by battery or by USB with an appropriate adaptor. For the purposes of installation and setup, even if you intend to power your sensor with batteries, we recommend using the provided USB cable for setup. For this, you'll need an adaptor to plug your USB cable into; this can include any computer USB port and most smartphone chargers. These steps can be performed in any location with your home, and not necessarily in your MultiSensor's final installation location.

For a USB powered installation;

1. Remove the Battery cover via sliding the Unlock button and separating the two parts of your sensor.

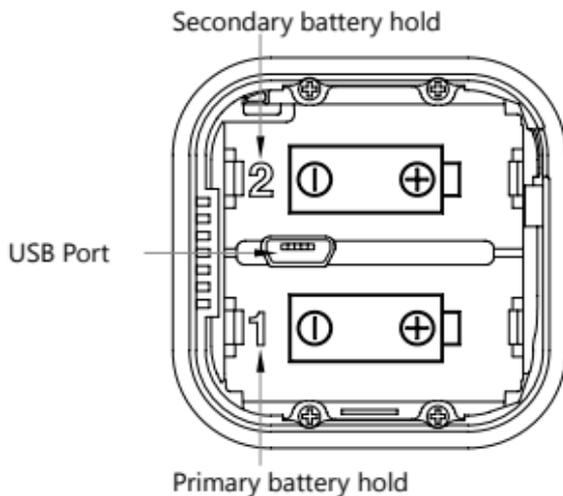


2. Insert the smaller end of the provided USB cable into your sensor's USB port.
3. Insert the larger end of the USB cable into a computer or adaptor. Your MultiSensor 6 is now powered on.

For a battery powered installation;

1. Remove your sensor's rear cover as shown in the previous step 1.
2. Insert two CR123A batteries orientated according to the diagram within your sensor. Your MultiSensor 6 is now powered on.

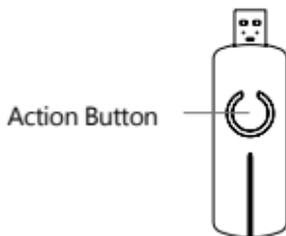
Note: MultiSensor can be powered by a single CR123A, though batteries will require changing more frequently. If powering your MultiSensor with a sole battery, insert it into the battery holder marked 1.



Adding your MultiSensor to a Z-Wave network.

With it powered on, it's now time to add your MultiSensor to a Z-Wave network.

If you're using a Z-Stick from Aeotec:



1. If your Z-Stick is plugged into a gateway or a computer, unplug it.
2. Take your Z-Stick to your MultiSensor 6.
3. Press the Action Button on your Z-Stick.
4. Press the Action Button on your MultiSensor.
5. You can test if your MultiSensor has been successfully included into your Z-Wave network by pressing its Action Button. If you press the button and your sensor's green LED is solid for a few seconds, then inclusion has been successful. If the green LED blinks when the button is pressed, the inclusion has been unsuccessful and you should repeat the above steps.
6. Press the Action Button on the Z-Stick to return it to inclusion mode. Return it to your gateway or computer.

If you're using a specific Z-Wave gateway you may need to refer to its user manual before proceeding:

1. Set your Z-Wave gateway to accept new products.
2. Press the Action Button on your MultiSensor.
3. Test that your sensor has been successfully added your Z-Wave gateway by pressing its Action Button. If you press the button and

its LED is solid green for a few seconds, then inclusion has been successful. If the LED blinks green when the button is pressed, the inclusion has been unsuccessful and you should repeat the above steps

Selecting a location for your MultiSensor.

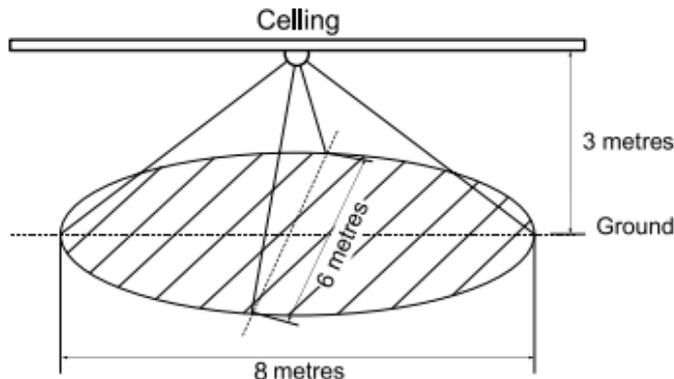
MultiSensor can bring its intelligent readings to many locations of your home. Before deciding on a location, there are some things you should first consider.

MultiSensor's motion sensor uses light and heat readings to determine motion; sudden light and heating changes can impact the sensor's quality of motion readings. As such, your sensor should not be installed in areas of artificial temperature change. Thus, when selecting a location, avoid placing it beside or near air conditioners, humidifiers, and heaters, and avoid positioning it directly opposite a window or direct sunlight.

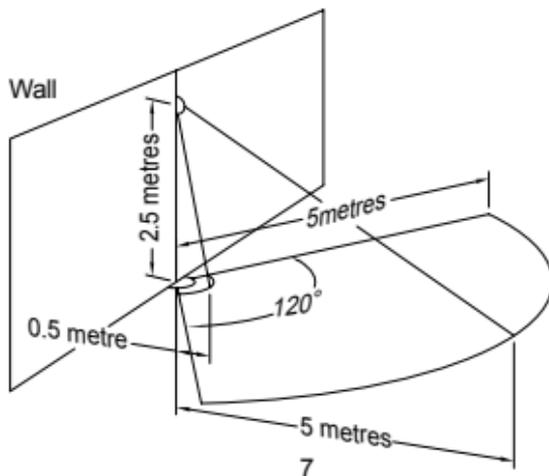
If your MultiSensor will be powered by batteries, you should avoid installing it in a location where the temperature can drop below 0°C / 32°F – this is below the batteries' working point.

Selecting a location for your sensor also depends on the layout of any area that you want monitored. Whatever the room or area, please ensure that it fits with your sensor's effective motion sensing range as described in the following diagrams.

If installing MultiSensor on a ceiling it can take measurements within a 3 x 6 x 8 metre / 10 x 20 x 26 feet range:



If installing MultiSensor in a corner where the wall meets the ceiling it can take measurements within a 2.5 x 5 x 5 metres / 8 x 15 x 15 feet range:



For optimal performance, your MultiSensor should NOT be mounted directly on or near metal framing or other large metallic objects. Large metal objects may weaken the Z-Wave wireless signal MultiSensor depends on for communication.

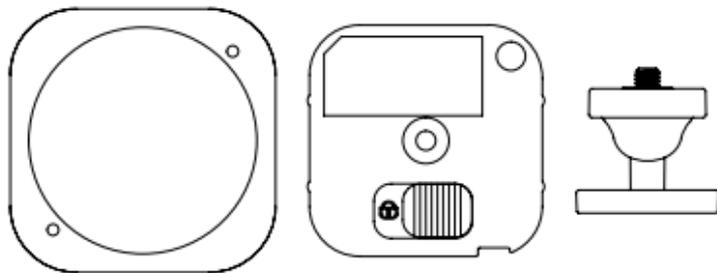
Physically install your MultiSensor.

With your MultiSensor now a part of your Z-Wave network and having determined its installation location, it's time to finish its physical installation.

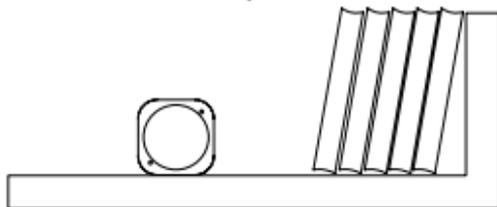
There are 2 ways that your MultiSensor can be mounted on on a wall or ceiling. Most simply it can be placed upon a shelf without the need to attach further accessories. You can mount your sensor in a corner or against a wall or ceiling by using the Back-Mount Plate. It's also possible to to embed your MultiSensor within a ceiling or wall using its Recessor accessory (sold separately)

To install your MultiSensor;

Reattach the three parts of your MultiSensor to each other. Unlock the Battery Cover from the Sensor unit.



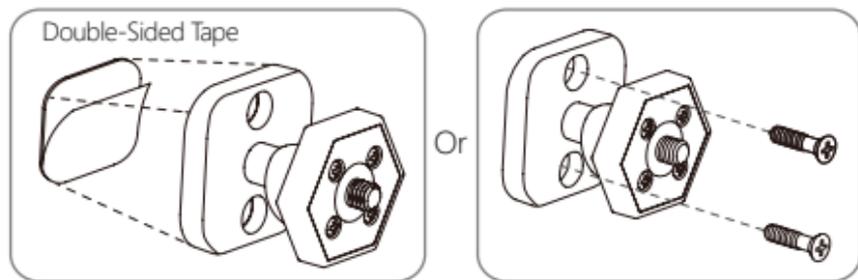
To install your MultiSensor on a shelf;



You can place it upon a shelf without the need to attach further accessories.

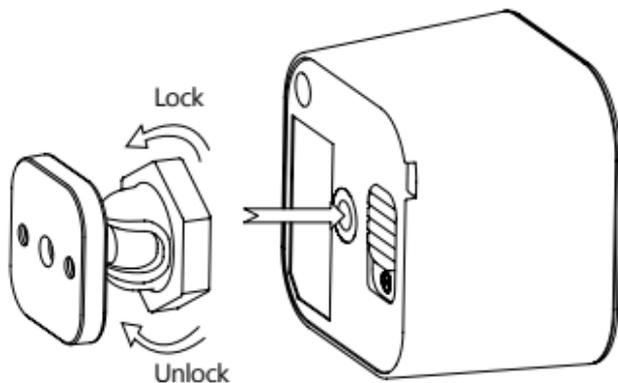
To install your MultiSensor with the Back-Mount Plate;

1. You can affix the Back-Mount Arm by Double-Sided Tape or using the provided KA2.5×20 mm screws.

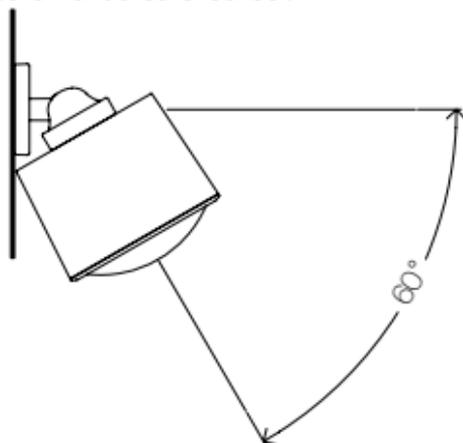


Tips: We suggest you choose the second method (using screws to affix the Back-Mount Arm) would be more stable.

2. After you have completed the affixing of Back-Mount Arm, you will need to lock the MultiSensor to the Back-Mount Arm by screwing the MultiSensor in.



3. The Back-Mount Arm may be locked at various angles by turning the Friction Lock clockwise and counter-clockwise to respectively tighten or loosen the angle of the arm. You can rotate the Friction Lock to change the measurement area of sensor.



④ Advanced functions.

Changing batteries.

Your MultiSensor has built in battery level detection. It will automatically report its battery level to the associated controller/gateway throughout its life until the battery is fully drained and needs replacing. The battery status will often be displayed in the user interface of the controller/gateway.

When used properly in an optimised Z-Wave network, your MultiSensor can be powered by batteries for 24 months before battery replacement is necessary.

Recommendation: For networks which do not offer a method to display the battery level of your MultiSensor, it is recommended that the sensor be tested occasionally to ensure that the batteries still hold enough charge to operate. Batteries naturally lose their charge over time.

Outdoor installation.

Please note that when installed outdoors of your home, your MultiSensor should only be relied on for temperature, light, humidity, and ultraviolet readings, where as the motion sensing capabilities should be disabled on your gateway in order to avoid false readings.

If selecting an outdoor location, it's important to position your MultiSensor in a sheltered location. It is best if your MultiSensor is not directly exposed to rain, and is important that the humidity venting on your MultiSensor never is.

Removing your MultiSensor from a Z-Wave network.

Your MultiSensor can be removed from your Z-Wave network at any time. You'll need to use your Z-Wave network's main controller to do this and the following instructions tell you how to do this using Aeotec by Aeon Labs' Z-Stick and Minimote controllers. If you are using other products as your main Z-Wave controller, please refer to the part of their respective manuals that tells you how to remove devices from your network.

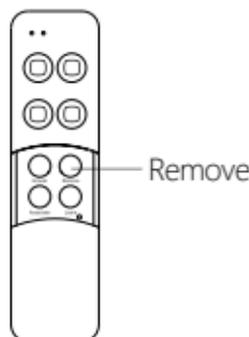
If you're using a Z-Stick:



1. If your Z-Stick is plugged into a gateway or a computer, unplug it.
2. Take your Z-Stick to your MultiSensor.
3. Press and hold the Action Button on your Z-Stick for 3 seconds and then release.
4. Press the Action Button on your MultiSensor.
5. If your MultiSensor has been successfully removed from your network, the RGB LED will be active with a colourful gradient for 3 seconds. When you press the Action Button on the MultiSensor, its green LED will blink. If the removal was unsuccessful, the green LED will stay solid for a few seconds when you press the Action Button. Press the Action Button on the Z-Stick to take it out of removal mode.

6.

If you're using a Minimote:



1. Take your Minimote to your MultiSensor.
2. Press the Remove Button on your Minimote.
3. Press the Action Button on your MultiSensor .
4. If your MultiSensor has been successfully removed from your network, the RGB LED will be active with a colourful gradient for 3 seconds. When you press the Action Button on the MultiSensor, its green LED will blink. If the removal was unsuccessful, the green LED will stay solid for a few seconds when you press the Action Button.
5. Press any button on your Minimote to take it out of removal mode.

Monitoring motion.

The MultiSensor can send Basic Set Command to association group 1, which is setup via the Association Command Class, when the Motion

Sensor detects movement to control the associated devices to "OPEN" state. After 4 minutes by default, if the Motion Sensor is not triggered again, the MultiSensor will send Basic Set Command to these devices to set them to their "CLOSE" state. However, if the Motion Sensor is triggered again within 4 minutes, the MultiSensor will reset the timing and start timing again.

The 4 minutes delay time can be changed through the usage of Z-Wave commands built into Z-Wave certified controllers/gateways. (The specific Z-Wave command supporting this function is Configuration Command Class) Please consult the operation manual for these controllers/gateways for specific instructions on configuring the MultiSensor.

Parameter 3 [2 byte decimal] can be configured through your gateway in case the default settings of your MultiSensor are not what you desire.

For example, this parameter setting is initially set to 240 which is the delay time in 4 minutes or 240 seconds. You may set the value to the desired Motion Sensor delay time to any amount of seconds as you like. So if you want the time out to be 5 minutes after the Motion Sensor is triggered, set this parameter to the value of 300.

Setting the sensitivity of your MultiSensor.

Parameter 4 [1 byte decimal] can be configured through your gateway in case the default settings of your MultiSensor are not what you desire. For example, this parameter setting is initially set to 5 which is the maximum sensitivity level, if you set it to 1, the sensitivity will be the

minimum sensitivity level. If set it to 0, the motion sensor will be disabled.

Monitoring temperature, humidity, luminance and ultraviolet.

Your MultiSensor can report temperature, humidity, luminancen and ultraviolet across a Z-Wave network when requested. If this function is supported by a controller, generally a gateway, the data will be displayed within its interface. The specific Z-Wave commands for the support of monitoring is the Multilevel Sensor Command Class. Automatic reports are sent to association group 1, which is setup via the Association Command Class. Please consult the controller's operation manual for specific instructions on setting your MultiSensor.

Setting automatic report flags.

Parameter 101-103 [4 byte dec] can be configured through your gateway in case the default settings of your MultiSensor are not what you desire.

Decimal	Flag
128	Light Sensor
64	Humidity Sensor
32	Temperature Sensor
16	Ultraviolet Sensor
1	Battery Sensor

The table above shows a decimal representation of all flags that can be set on parameter 101-103 to report specific data.

Example use of the report table.

For example, if you want to report only the temperature and light sensor you would add 32 + 64 and set the sum (96) to parameter 101, 102, or 103.

As another example, if you want to report only the light sensor and battery, you would add 1 + 128, then set the sum (129) to parameter 101, 102, or 103.

And if you want to report all of the sensors, you would add the whole table together and set the sum (241) to parameter 101, 102, or 103.

Setting an automatic report interval.

Parameter 111-113 [4 byte decimal] can be configured through your gateway in case the default settings of your MultiSensor are not what you desire.

Parameter 111 will set the interval for Group 1 (parameter 101), parameter 112 will set the interval for Group 2 (parameter 102), and parameter 113 will set the interval for Group 3 (parameter 103).

As an example, you have set parameter 101 to 241 which will report all of the sensors, and you want to report it every 1800 seconds. Set parameter 111 to 1800 to accomplish this.

Waking up your MultiSensor.

If your MultiSensor is battery powered, you will need to ensure

that it is active when configuring it. To do this, press the Action Button once, which will trigger to send out a wake up notification command. If you want it to wake up for 10 minutes, to do this, press and hold its Action Button for 3 seconds and then release it. Your MultiSensor's orange LED will fast blink for 10 minutes to indicate that it is active.

When you are done configuring or communicating with your MultiSensor, you can put it back into sleep mode to conserve battery power. To do this, press and hold its Action button for 3 seconds and then release it. Your MultiSensor's LED should now be off to indicate that it is asleep.

Tamper protection of your MultiSensor.

The MultiSensor contains a smart Vibration sensor in. When someone attempts to disassemble your MultiSensor, it can detect the vibration and send an alarm notification to the main controller and let you know.

Security or Non-security feature of your MultiSensor in Z-wave network.

If you want your MultiSensor as a non-security device in your Z-wave network, you just need to press the Action Button once on MultiSensor when you use a controller/gateway to add/include your MultiSensor.

In order to take full advantage of all functionality the MultiSensor,

you may want your MultiSensor is a security device that uses secure/encrypted message to communicate in Z-wave network, so a security enabled controller/gateway is needed for the MultiSensor to be used as a security device. You need to press the MultiSensor's Action Button 2 times within 1 second when your security controller/gateway starts the network inclusion.

NFC function of your MultiSensor.

Your MultiSensor has inbuilt a NFC module. In order to take full advantage of the NFC feature, the Oomi's Touch panel is needed. When you take the Touch panel near to the NFC point of MultiSensor, you will see light purple LED dims on and then off, at the same time, the product information is read out from MultiSensor via NFC communication and then displayed on the Touch panel's screen.

If your MultiSensor is powered on by battery or USB adapter, it will send out a Node information frame to start the inclusion/exclusion when the Touch panel touches your MultiSensor. The Touch panel's screen will pop up a notification message to let you know whether the inclusion/exclusion is successful or not. If the MultiSensor is included into your Touch panel, you will see all sensors' measuring state refresh on the Touch panel

Resetting your MultiSensor.

At some stage or your primary controller is missing or inoperable, you may also wish to reset all of your MultiSensor's settings to their

factory defaults. To do this, press and hold the Action Button for 20 seconds and then release it. Your MultiSensor will now be reset to its original settings, and the green LED will be solid for 2 seconds and then be colourful gradient to confirm a success.

⑤ Technical specifications.

Model number: FT100

Power supply: USB DC 5V or battery power(2×CR123A batteries, 3V, 1500mAh).

Operating temperature: 0°C to 40°C.

Measured temperature range: -10°C to 50°C. Accuracy: ±1°C.

Measured humidity range: 20%RH to 90%RH. Accuracy: ±3%RH (at 25°C).

Lighting: 0 LUX to 30000 LUX.

Max motion sensitivity: 5 metres.

Water proofing: IP20.

NFC operating distance: Maximum 30mm.

Z-wave operating distance: Up to 492 feet/150 metres outdoors.

⑥ Warranty.

Aeon Labs warrants to the original purchaser of Products that for the Warranty Period (as defined below), the Products will be free from material defects in materials and workmanship. The foregoing warranty is subject to the proper installation, operation and maintenance of the Products in accordance with installation instructions and the operating manual supplied to Customer.

Warranty claims must be made by Customer in writing within thirty (30) days of the manifestation of a problem. Aeon Labs' sole obligation under the foregoing warranty is, at Aeon Labs' option, to repair, replace or correct any such defect that was present at the time of delivery, or to remove the Products and to refund the purchase price to Customer.

The "Warranty Period" begins on the date the Products is delivered and continues for 12 months.

Any repairs under this warranty must be conducted by an authorized Aeon Labs service representative and under Aeon Labs' RMA policy. Any repairs conducted by unauthorized persons shall void this warranty.

Excluded from the warranty are problems due to accidents, acts of God, civil or military authority, civil disturbance, war, strikes, fires, other catastrophes, misuse, misapplication, storage damage, negligence, electrical power problems, or modification to the Products or its components.

Aeon Labs does not authorize any person or party to assume or create for it any other obligation or liability in connection with the Products except as set forth herein.

Aeon Labs will pass on to Customer all manufacturers' Material warranties to the extent that they are transferable, but will not independently warrant any Material.

Customer must prepay shipping and transportation charges for

returned Products, and insure the shipment or accept the risk of loss or damage during such shipment and transportation. Aeon Labs will ship the repaired or replacement products to Customer freight prepaid.

Customer shall indemnify, defend, and hold Aeon Labs and Aeon Labs' affiliates, shareholders, directors, officers, employees, contractors, agents and other representatives harmless from all demands, claims, actions, causes of action, proceedings, suits, assessments, losses, damages, liabilities, settlements, judgments, fines, penalties, interest, costs and expenses (including fees and disbursements of counsel) of every kind (i) based upon personal injury or death or injury to property to the extent any of the foregoing is proximately caused either by a defective product (including strict liability in tort) or by the negligent or willful acts or omissions of Customer or its officers, employees, subcontractors or agents, and/or (ii) arising from or relating to any actual or alleged infringement or misappropriation of any patent, trademark, mask work, copyright, trade secret or any actual or alleged violation of any other intellectual property rights arising from or in connection with the products, except to the extent that such infringement exists as a result of Aeon Labs' manufacturing processes.

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STORE INDOORS WHEN NOT IN USE. SUITABLE FOR DRY LOCATIONS. DO NOT IMMERSE IN WATER. NOT FOR USE WHERE DIRECTLY EXPOSED TO WATER.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

Warning

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

Certifications (regional):



Z-Wave and Z-Wave Plus are registered trademarks of Sigma Designs and its subsidiaries in the United States and other countries

FCC ID: XBAFT100



Oomihome.com/Multisensor



F A N T E M



Association informations

MultiSensor supports 1 association group.

Group 1 is assigned to the Lifeline association group and can add max 5 association nodes.

When the PIR motion sensor is triggered, the MultiSensor will send Basic Set (0xFF) to the associated nodes. If no any PIR motion on an interval time (configurable), the MultiSensor will send Basic Set (0x00) to the associated nodes.

The automatically report of temperature, humidity, luminance and ultraviolet (configurable) also can be sent to associated nodes.

5.3 Association Group Info Command Class

5.3.1 Association Group Info Report Command Class

Profile: General: NA (Profile MSB=0, Profile LSB=0)

5.3.2 Association Group Name Report Command Class

Group 1: Lifeline

5.3.3 Association Group Command List Report

Command List Report: 20 01 30 03 80 03 31 05 71 05 84 07.

COMMAND_CLASS_BASIC	BASIC_SET
COMMAND_CLASS_SENSOR_BINARY	SENSOR_BINARY_REPORT
COMMAND_CLASS_BATTERY	BATTERY_REPORT
COMMAND_CLASS_SENSOR_MULTILEVEL	SENSOR_MULTILEVEL_REPORT
COMMAND_CLASS_NOTIFICATION_V3	NOTIFICATION_REPORT_V3
COMMAND_CLASS_WAKE_UP	WAKE_UP_NOTIFICATION

Configuration parameters informations

Parameter Number Hex / Decimal	Description	Default Value	Size
2 (0x02)	Enable/Disable waking up for 10 minutes when re-power on (battery mode) the MultiSensor. 1. Value = 0, disable. 2. Value =others, enable.	0	1
3 (0x03)	1. The default PIR time is 4 minutes. The Multisensor will send BASIC SET CC (0x00) to the associated nodes if no motion is triggered again in 4 minutes. 2. Range: 10~3600. Note: (1), The time unit is second if the value range is in 10 to 255. (2), If the value range is in 256 to 3600, the time unit will be minute and its value should follow the below rules: a), Interval time =Value/60, if the interval time can be divided by 60 and without remainder. b), Interval time= (Value/60) +1, if the interval time can be divided by 60 and has remainder. (3), Other values will be ignored.	240	2
4 (0x04)	Enable/disable the function of motion sensor. 1. Value=0, disable. 2. Value=1, enable, the current PIR sensitivity level=1. (minimum level) Value=2, enable, the current PIR sensitivity level=2. Value=3, enable, the current PIR sensitivity level=3. Value=4, enable, the current PIR sensitivity level=4. Value=5, enable, the current PIR sensitivity level=5. (maximum level)	5	1

5 (0x05)	Which command would be sent when the motion sensor triggered. 1. Value=1, send Basic Set CC. 2. Value=2, send Sensor Binary Report CC.	1	1
39 (0x27)	Configure low battery value. Value=10 to 50.(10% to 50%)	20 (%)	1
40 (0x28)	Enable/disable the selective reporting only when measurements reach a certain threshold or percentage set in 41-44 below. This is used to reduce network traffic. (0 == disable, 1 == enable)	0	1
41 (0x29)	Threshold change in temperature to induce an automatic report. Note: 1. The unit is Fahrenheit for US version, Celsius for EU/AU version. 2. The value contains one decimal point. E.g. if the value is set to 20, the threshold value =2.0 °C (EU/AU version) or 2.0 °F (US version). When the current temperature gap is more then 2.0, which will induce a temperature report to be sent out.	20	2
42 (0x2A)	Threshold change in humidity to induce an automatic report. Note: 1. The unit is %. 2. The default value is 10, which means that if the current humidity gap is more than 10%, it will send out a humidity report.	10 (%)	1
43 (0x2B)	Threshold change in luminance to induce an automatic report.	100 (LUX)	2
44 (0x2C)	Threshold change in battery level to induce an automatic report. Note: 1. The unit is %. 2. The default value is 10, which means that if the current battery level gap is more than 10%, it will send out a battery report.	10 (%)	1
45 (0x2D)	Threshold change in ultraviolet to induce an automatic report.	2	1

46 (0x2E)	<p>Enable/disable to send the alarm report of low temperature(<-15°C) Value=0, disable. Value=1, enable (The MultiSensor will send a report of Multi Level Temperature CC to controller if the current temperature is less than -15°C). Note: The battery activity will be reduced at low temperatures (-15 degrees Celsius and below), which will lead to the product may not work normally. It is recommended to use USB power at low temperatures.</p>	0	1
101 (0x65)	Which report needs to be sent in Report group 1 (See flags in table below).	241	4
102 (0x66)	Which report needs to be sent in Report group 2 (See flags in table below).	0	4
103 (0x67)	Which report needs to be sent in Report group 3 (See flags in table below).	0	4
111 (0x6F)	<p>The interval time of sending reports in Report group 1 (Valid values 0x05-0x28DE80). 1. The unit of interval time is second if USB power. 2. if battery power, the minimum interval time is 60 minutes by default, for example, if the value is set to be more than 5 and less than 3600, the interval time is 60 minutes, if the value is set to be more than 3600 and less than 7200, the interval time is 120 minutes. You can also change the minimum interval time to 4 minutes via setting the interval value(3 bytes) to 240 in Wake Up Interval Set CC.</p>	3600 (seconds)	4
112 (0x70)	<p>The interval time of sending reports in Report group 2 (Valid values 0x05-0x28DE80). Note: 1. The unit of interval time is second if USB power. 2. if battery power, the minimum interval time is 60 minutes by default, for example, if the value is set to be more than 5 and less than 3600, the interval time is 60 minutes, if the value is set to be more than 3600 and less than 7200, the interval time is 120 minutes. You can also change the minimum interval time to 4 minutes via setting the interval value(3 bytes) to 240 in Wake Up Interval Set CC.</p>	3600 (seconds)	4

113 (0x71)	<p>The interval time of sending reports in Report group 3 (Valid values 0x05-0x28DE80).</p> <p>1. The unit of interval time is second if USB power.</p> <p>2. If battery power, the minimum interval time is 60 minutes by default, for example, if the value is set to be more than 5 and less than 3600, the interval time is 60 minutes, if the value is set to be more than 3600 and less than 7200, the interval time is 120 minutes. You can also change the minimum interval time to 4 minutes via setting the interval value(3 bytes) to 240 in Wake Up Interval Set CC.</p>	3600 (seconds)	4
201 (0xC9)	<p>Temperature calibration (the available value range is [-100,100] or [-10.0℃,10℃]).</p> <p>Note:</p> <p>1. The value contains one decimal point. E.g. if the value is set to 20, the calibration value is 2.0 ℃ (EU/AU version) or 2.0 ℉(US version)</p> <p>2. The calibration value = standard value - measure value. E.g. If measure value =25.3℃ and the standard value = 23.2℃, so the calibration value= 23.2℃ - 25.3℃= -2.1℃ (0xEB).</p> <p>If the measure value =30.1℃ and the standard value = 33.2℃, so the calibration value= 33.2℃ - 30.1℃=3.1℃ (0x1F).</p>	0	1
202 (0xCA)	<p>Humidity sensor calibration (the available value range is [-50, 50]).</p> <p>The calibration value = standard value - measure value. E.g. If measure value =80RH and the standard value = 75RH, so the calibration value= 75RH - 80RH= -5RH (0xFB).</p> <p>If the measure value =85RH and the standard value = 90RH, so the calibration value= 90RH - 85RH=5RH (0x05).</p>	0	1
203 (0xCB)	<p>Luminance sensor calibration (the available value range is [-1000, 1000]).</p> <p>The calibration value = standard value - measure value. E.g. If measure value =800Lux and the standard value = 750Lux, so the calibration value= 750 - 800= -50 (0xFFCE).</p> <p>If the measure value =850Lux and the standard value = 900Lux, so the calibration value= 900 - 850=50 (0x0032).</p>	0	2

204 (0xCC)	Ultraviolet sensor calibration (the available value range is [-10, 10]). The calibration value = standard value - measure value. E.g. If measure value =9 and the standard value = 8, so the calibration value= 8 - 9= -1 (0xFE). If the measure value =7 and the standard value = 9, so the calibration value= 9 - 7=2 (0x02).	0	1
252 (0xFC)	Enable/disable Configuration Locked (0 =disable, 1 = enable).	0	1
255 (0xFF)	Value=0x55555555, Default=1、Size=4 Reset to factory default setting and removed from the z-wave network	N/A	4
	2.Reset to factory default setting	N/A	1

Configuration Values for Parameter 101-103:

	7	6	5	4	3	2	1	0
configuration Value 1(MSB)	Reserved							
configuration Value 2	Reserved							
configuration Value 3	Reserved							
configuration Value 4(LSB)	Luminance	Humidity	Temperature	Ultraviolet	Reserved	Reserved	Reserved	Battery