

Multisensor 6 technical specifications.

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This page lists the technical specifications for **Multisensor 6** (<http://aeotec.com/z-wave-sensor>) and form part of the larger **Multisensor 6 user guide** (<https://aeotec.freshdesk.com/solution/articles/6000057073-multisensor-6-user-guide->).

Name: Multisensor 6

Model number: ZW100

Product Weight: 65 g

Total Package Weight: 102 g

Product Dimensions: 47 x 47 x 38 mm

Package Dimensions: 75 x 90 x 50 mm

Backmount Plate Dimensions: 24 x 27 mm

UPC/EAN:

US: 810667023201

EU: 1220000013100

AU: 1220000013094

Z-Wave Plus Certified: Yes

Power supply:

USB DC 5V

battery power (2×CR123A batteries, 3V, 1500mAh).

Not compatible to rechargeable CR123A batteries (3.7V)

Maximum power consumption during a report: 200mA

Voltage input:

USB power

Min Voltage = 4.5VDC

Max Voltage = 5.5VDC

Battery Power

Min Voltage = 2.6VDC

Max voltage = 3.2VDC

Repeater:

USB power - Yes

Battery Power - No

Sensor Technical information:

Measured temperature range:

-10°C to 50°C

14°F to 122°F.

Temperature Accuracy:

±1°C

±1.8°F.

Measured humidity range: 20%RH to 90%RH.

Humidity Accuracy: ±3%RH (at 25°C/77°F).

Lighting: 0 LUX to 30000 LUX.

UV Range: 0 to 10 UV index

Operating humidity: 8% to 80%.

Operating temperature:

0°C to 40°C

32°F to 104°F.

Max motion sensitivity:

5 metres.

15 feet.

Water proofing: IP20 rating

Battery Life: ~1.5 years using 2x CR123A batteries

- If the MS6 is triggered 20 times per a day, using 2 batteries, the MS6 will last 1.5 years on battery life
- If the MS6 is triggered 200 times per a day using 2 batteries, the MS6 will last around 2-3 months.

Operating distance:

Up to 492 feet outdoors.

Up to 150 metres outdoors.

Supported Commands.

	Non-Secure	Secure
Node Info Frame	COMMAND_CLASS_ZWAVEPLUS_INFO V2,COMMAND_CLASS_VERSION V2,COMMAND_CLASS_MANUFACTURER_SPECIFIC,COMMAND_CLASS_ASSOCIATION_GRP_INFO,COMMAND_CLASS_ASSOCIATION V2,COMMAND_CLASS_POWERLEVEL V1,COMMAND_CLASS_NOTIFICATION_V3,COMMAND_CLASS_WAKE_UP V2,COMMAND_CLASS_BATTERY V1,COMMAND_CLASS_SENSOR_BINARY V1,COMMAND_CLASS_SENSOR_MULTILEVEL_V5,COMMAND_CLASS_CONFIGURATION V1,COMMAND_CLASS_SECURITY V1,COMMAND_CLASS_FIRMWARE_UPDATE_MD_V2,COMMAND_CLASS_DEVICE_RESET_LOCALLY,COMMAND_CLASS_MARK V1,	COMMAND_CLASS_ZWAVEPLUS_INFO V2 COMMAND_CLASS_VERSION V2 COMMAND_CLASS_WAKE_UP V2 COMMAND_CLASS_MANUFACTURER_SPECIFICV2 COMMAND_CLASS_SECURITY V1 COMMAND_CLASS_DEVICE_RESET_LOCALLY V1 COMMAND_CLASS_MARK V1
Security Command Supported Report Frame		COMMAND_CLASS_ZWAVEPLUS_INFO, COMMAND_CLASS_VERSION, COMMAND_CLASS_MANUFACTURER_SPECIFIC, COMMAND_CLASS_WAKE_UP, COMMAND_CLASS_ASSOCIATION_GRP_INFO, COMMAND_CLASS_ASSOCIATION, COMMAND_CLASS_POWERLEVEL, COMMAND_CLASS_NOTIFICATION_V3, COMMAND_CLASS_BATTERY V1, COMMAND_CLASS_SENSOR_BINARY V1, COMMAND_CLASS_SENSOR_MULTILEVEL_V5, COMMAND_CLASS_CONFIGURATION, COMMAND_CLASS_SECURITY, COMMAND_CLASS_FIRMWARE_UPDATE_MD_V2

Notification/Alarm CC of MultiSensor 6:

Notification Type		Notification Events		Description
Home Security	0x07	Previous Events cleared	0x00	Motion is cleared
		Motion Detection Unknown Location	0x08	Motion is detected
		Tampering Product covering removed	0x03	Vibration is triggered

Engineering Sheets:

Multisensor 6 (V1.13) (<https://aeotec.freshdesk.com/helpdesk/attachments/6102433734>),
(<https://aeotec.freshdesk.com/helpdesk/attachments/6058085299>).

Specifications subject to change without notice due to continuing product improvement.

