



# EYE SENSOR MESH

Wirepas Mesh-powered sensor for indoor tracking and monitoring temperature, humidity, and movement of your assets



Inventory tracking



Temperature and humidity monitoring



Tools and equipment monitoring

## IDEAL FOR LARGE-SCALE TRACKING

Connect thousands of devices in one network without signal interference or system overload

## ROOM-LEVEL ACCURACY

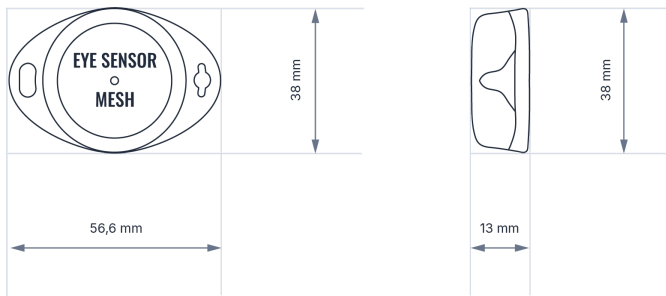
Track assets reliably even in the most complex indoor environments

## ONE DEVICE, MORE INSIGHTS

Monitor temperature, humidity, and movement data using a single device

## LONG-LASTING OPERATION

Up to 10 years lifetime without the need to replace battery



### Connectivity

Wirepas	Wirepas Mesh v5.4
Transmit power	Up to 6 dBm

### Electronics

Microcontroller	Silicon Labs EFR32BG22C224F512GM32-C
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### Battery and power

Model	CR2450
Type	Lithium, Manganese Dioxide (Li/MnO <sub>2</sub> )
Total Capacity	600 mAh
Replaceable	No
Battery life	<p>2 years - 5 minutes</p> <p>2.7 years - 15 minutes on stop, 1 minute moving, default (Scenario where device moves 2 hours per day)</p> <p>3 years - 10 minutes, default</p> <p>6.5 years - 30 minutes</p> <p>10 years - 60 minutes</p>

*\*All values measured at ambient room temperature*

### Physical specification

Dimensions	56,6 mm x 38 mm x 13 mm (L x W x H)
Weight	19 g

### Casing

Mounting	Two mounting points on each side
Marking	Available branding customisation upon request

**Operating environment**

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Ingress Protection Rating	IP67
Humidity (non-condensing)	From 0% to 100%
Operational temperature	-20 °C / +60 °C (-4 °F / +140 °F)

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**Features**

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Sensors	Temperature Humidity Movement Magnet detection
Scenarios	Indoor tool tracking, Equipment tracking, Medical equipment tracking, Smart manufacturing
Sleep mode	Hibernate
Configuration and firmware update	Mesh Network

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**Certification & approvals**

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Regulatory	CE/RED, RoHS, REACH
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