



# EYE BEACON MESH

Wirepas Mesh-powered beacon for indoor tracking



Tools and  
equipment  
monitoring



Inventory  
tracking

## IDEAL FOR LARGE-SCALE TRACKING

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

## ROOM-LEVEL ACCURACY

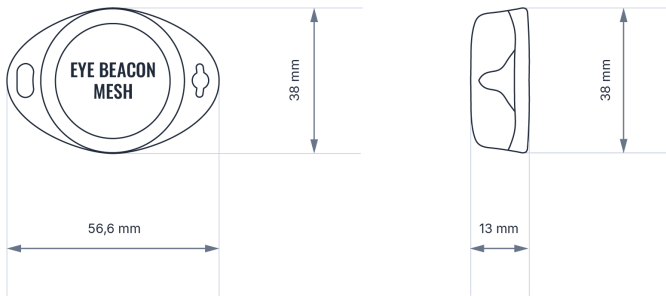
Track assets reliably even in the most complex indoor environments

## LONG-LASTING OPERATION

Up to 10 years lifetime without the need to replace battery

## RELIABLE & SECURE UPDATES

Configure and update devices remotely for maximum safety and efficiency



### 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	2 years - 5 minutes 3.5 years - 10 minutes, default 8 years - 30 minutes 10 years - 60 minutes

*\*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

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

**Features**

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

**Certification & approvals**

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Regulatory	CE/RED, RoHS, REACH
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