



EYE BEACON ATEX

Bluetooth® ID beacon to keep an eye on your assets in hazardous environment



LOCATE YOUR ASSETS IN HAZARDOUS ENVIRONMENT

Always know the whereabouts of your assets, including the facilities in oil, gas, and chemical industries

ENHANCED ROBUSTNESS

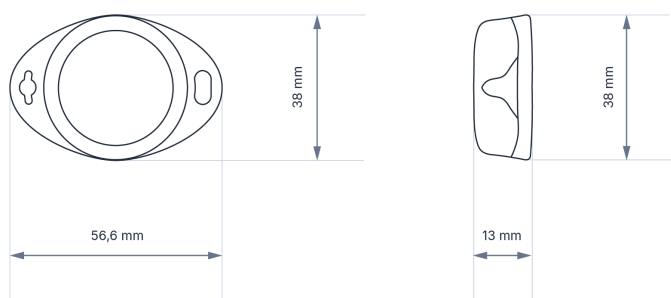
ATEX-certified EYE devices are additionally reinforced for use in challenging conditions

SMART DESIGN

Compact EYE devices can be conveniently mounted in 4 different ways, while IP67-rated casing ensures reliability and durability

EYE APP

Intuitive and easy-to-use Teltonika mobile app for prompt configuration and data scanning



Features

Beacon ID	Yes
Sensors	Magnet detection
Scenarios	Tool tracking, RSSI indoor tracking, Equipment tracking, Mobile objects tracking, Medical equipment tracking, Smart agriculture, Smart manufacturing
Sleep mode	Hibernate
Configuration and firmware update	EYE APP

Electronics

Microcontroller	ST Microelectronics BlueNRG-2
Bluetooth operating frequency	2.402 - 2.480 GHz
Bluetooth antenna gain (peak)	1.2dBi

Connectivity

Bluetooth®	Bluetooth® 4.2
Range	80 m
Transmission power level	Up to 8 dBm
Sensitivity	-88 dBm

Power

Model	CR2450
Type	Lithium, Manganese Dioxide (Li/MnO2)
Capacity	600 mAh
Replaceable	No
Battery life	Up to 4 years (Tx=2dBm; interval 3s) Up to 8 years, (Tx=2 dBm; interval: 5s), DEFAULT Up to 10 years (Tx=2dBm; interval 10s)

Physical specification

Dimensions	56.6 x 38 x 13 mm (L x W x H)
Weight	18 g

Casing

Ingress protection	IP67
Mounting	Two mounting points on each side
Marking	Available branding customisation upon request

Environmental requirements

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

Protocol compatibility

iBeacon	Yes* <i>*EYE APP on iOS doesn't show devices with iBeacon protocol</i>
Eddystone	Yes
Sensors (custom)	Yes

Certification & approvals

Certificates	E-Mark (EU), FCC (USA), CE/RED (EU), RoHS (EU), REACH (EU), Anatel, IP rating, SIRIM QAS, SDPPI POSTEL, ATEX ZONE 1
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