



ATEX SERIES

# ATEX Dualis Tag

Product Datasheet | SKU: 6370000001EX



## OVERVIEW

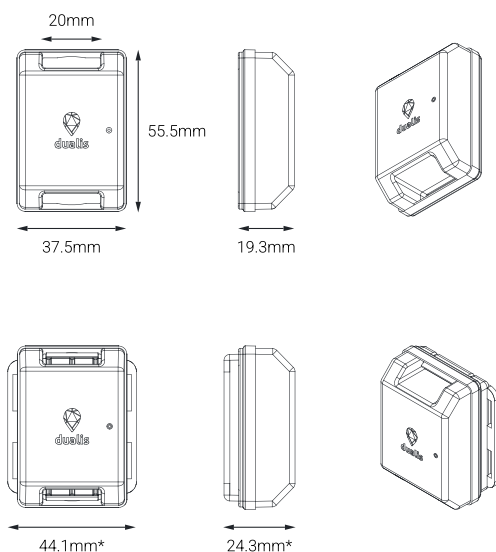
Dualis ATEX Tag is a certified tracking device developed for hazardous environments where explosive gases or dust may be present. It ensures safe and accurate monitoring of assets, equipment, and personnel using Bluetooth® Low Energy (BLE) and Ultra-Wideband (UWB) technologies.

The tag's replaceable battery offers up to 5 years of operation, reducing maintenance needs, while its IP67-rated enclosure provides strong resistance against dust, water, and harsh industrial conditions. Integrated motion detection and tamper alerts further enhance reliability, making the Dualis ATEX Tag a robust solution for long-term asset management and compliance in safety-critical facilities.

## HIGHLIGHTS

- ATEX Certified for use in hazardous areas.
- Replaceable battery with up to 5 years lifespan, reducing maintenance efforts.
- IP67-rated enclosure: fully dust-tight, waterproof, and resistant to harsh cleaning and sterilization.
- Hybrid BLE + UWB location technology, enabling sub-meter accuracy for critical tracking needs.
- Motion sensor for power-saving modes and inactivity detection.
- Magnetic sensors to support user interaction and enhance functionality.
- Over-the-air firmware updates without interrupting service.
- Tamper-resistant construction for enhanced security.
- Compact and lightweight design suitable for industrial safety applications.

## DIMENSIONS



\*Dimensions with the Dualis cradle attached.

## USE CASES

**Asset Tracking:** Real-time tracking of valuable assets within a facility, providing precise location data to enhance security and operational efficiency. The long battery life and replaceable battery make it ideal for long-term asset management. Safe, real-time tracking of valuable assets within ATEX-regulated environments, enhancing safety and operational control.

**Process Tracking:** Monitors various processes within a facility, ensuring that operations are running smoothly and efficiently. Helps in identifying bottlenecks and areas for improvement.

**Zone Access Control:** Restricts and monitors access to specific zones within a facility, ensuring only authorized personnel can enter designated areas. Prevents unauthorized access and enhances security.

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## KEY FACTS

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### Physical and Environmental

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<b>Dimensions (WxHxL)</b>	44.1 mm x 55.5 mm x 24.3 mm (1.74 in x 2.19 in x 0.96 in)
<b>Dimensions w/o Cradle (WxHxL)</b>	37.5 mm x 55.5 mm x 19.3 mm (1.48 in x 2.19 in x 0.76 in)
<b>Weight</b>	28 g (1 oz)
<b>Material Type</b>	Industrial-grade housing, IP67 dust/water resistant
<b>Color Options</b>	Yellow
<b>Battery Type and Capacity</b>	Li-SOCI2 1200 mAh
<b>Battery Life</b>	Up to 5 years
<b>Ingress Protection</b>	IP67
<b>Operating Temperature Range</b>	-30°C to +70°C (-22°F to +158°F)
<b>Storage Temperature Range</b>	-30°C to +70°C (-22°F to +158°F)
<b>Humidity Tolerance</b>	0 to 95% non-condensing

### Hardware and Connectivity

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<b>LED Indicators</b>	Status, Activity
<b>Buzzer</b>	Yes (Optional)
<b>Motion Sensor</b>	Yes
<b>Tamper Detection</b>	Yes
<b>Magnetic Sensor</b>	Yes
<b>Firmware Upgrade</b>	OTA (Over-the-Air)
<b>Communication Protocols</b>	BLE, UWB

### Regulatory Compliance

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<b>Industry Standards Compliance</b>	CE (Conformité Européene) RoHS (Restriction of Hazardous Substances Directive) ATEX ( <i>In Progress</i> ) <ul style="list-style-type: none"> <li>• Ex II 2G Ex ib IIC T4 Gb</li> <li>• Ex II 2D Ex ib IIIB T135°C Db</li> </ul>
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