

# GATEWAY

The Gateway is the backbone of the RTLS infrastructure, enabling seamless communication between Tags in the field and the software platform. Designed for industrial environments, it provides the reliable connectivity required to support real-time worker and asset tracking, safety monitoring, and operational intelligence. Both standard and intrinsically safe (IS) models are available to meet the requirements of diverse deployment environments.

To accommodate varying site conditions, the Gateway supports cellular, Wi-Fi, and Ethernet communications, ensuring dependable data transmission regardless of available network infrastructure. Cellular connectivity enables rapid deployment and is the preferred option for most applications.

Flexible power options, including AC and solar, allow the Gateway to be installed in both permanent and temporary locations. Combined with its simple mounting capabilities and high-strength magnetic attachment system, the Gateway can be quickly deployed indoors or outdoors to establish scalable, site-wide coverage with minimal infrastructure requirements.



## TECHNICAL SPECIFICATIONS

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Mounting</b>                     | Wall, fence, pole mount via high intensity magnets<br>(mounting should not be higher than 6 ft. from ground)    |
| <b>Dimensions (without antenna)</b> | 5.3" x 4.5" x 2.8" (13.5 cm x 11.4 cm x 7.1 cm)                                                                 |
| <b>Dimensions (with antenna)</b>    | 11.2" x 4.5" x 2.8" (28.4 cm x 11.4 cm x 7.1 cm)                                                                |
| <b>Weight</b>                       | 22 oz (624 g)                                                                                                   |
| <b>Power Input</b>                  | 12VDC, 2A line-in (optional solar kit available)                                                                |
| <b>Battery Type</b>                 | (2) 8,000mAh LiPo cells, integrated short-circuit, thermal, and under-voltage protection ( <i>backup only</i> ) |
| <b>Battery Life</b>                 | 5 days in typical use case ( <i>backup only</i> )                                                               |
| <b>Sensing</b>                      | Temperature, barometric pressure                                                                                |
| <b>Cellular Connectivity</b>        | 4G LTE                                                                                                          |
| <b>Radio Frequency</b>              | US 915 MHz ISM band (optional EU 868 MHz), frequency-hopping spread spectrum                                    |
| <b>Operating Temperature</b>        | -4°F to 140°F (-20°C to 60°C)                                                                                   |
| <b>Environment</b>                  | Designed to meet IP66 standards                                                                                 |

## DIMENSIONS

