

RELAY

The Relay is designed to extend the coverage and reach of the RTLS network, ensuring reliable communication across large, complex, and challenging worksites. Available in both standard and intrinsically safe (IS) versions, it enables organizations to expand network coverage while maintaining dependable performance in industrial and hazardous environments.

Operating as a key component of the mesh network infrastructure, the Relay helps strengthen connectivity between Tags and Gateways, improving network resilience and supporting seamless real-time location tracking across the site.

Powered by standard D-cell batteries, the Relay can be deployed without the need for wired power, providing maximum installation flexibility. Its compact design and high-strength magnetic mounting system enable quick and secure placement on a variety of indoor and outdoor structures, allowing organizations to rapidly expand coverage with minimal infrastructure requirements.



TECHNICAL SPECIFICATIONS

Mounting	Wall, Fence, Pole mount <i>(mounting should not be higher than 6 ft. from ground)</i>
Dimensions (without antenna)	5.3" x 4.5" x 2.8" (13.5 cm x 11.4 cm x 7.1 cm)
Dimensions (with antenna)	11.2" x 4.5" x 2.8" (28.4 cm x 11.4 cm x 7.1 cm)
Weight	21 oz (595 g)
Battery Type	(2) D-cell alkaline batteries
Battery Life	7-9 months in typical use
Sensing	Temperature
Radio Frequency	US 915 MHz ISM band (optional EU 868 MHz), frequency-hopping spread spectrum
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Environment	Designed to meet IP66 standards

DIMENSIONS

