

Features

- The People Trackers support a wide range of people tracking and monitoring applications.
- The use cases supported depend on the product variant.
- Seamless interface to RedLore IoT platform: Supply Chain Engine, IoT Engine, Positioning Engine (RTLS), RedBoard™ Dashboards. See brochure [RedLore Asset Tracking and Monitoring](#) for details.
- Connects automatically to a RedLore Smart Shipment Tracker or any RedLore stationary gateway.
- Supports low-power mesh network protocol (Wirepas).
- Over-the-Air reconfigurable and reprogrammable.
- Supports Indoor Positioning and Proximity-detection.
- Seamless integration RedLore wireless sensor devices and applications.

Industries & Applications







- Office
- Manufacturing
- Construction
- Warehousing
- Logistics
- Hospitals/Healthcare
- Events

Use Cases

- Personnel position tracking
- Subcontractor position tracking
- Personnel counting
- Queueing time monitoring
- Dwell time monitoring
- Choke point people counting
- Man-down detection (automatic)
- Panic button

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Tracker Variants

Tracker Variant						
	Smart Badge	Person Tag	Wristband	RL4.G	RL4.H	Tracking Tag
Tracking features						
Outdoor (on-site) positioning	✓	✓	✓	✓	✓	✓
Indoor positioning	✓	✓	✓	✓	✓	✓
People counting	✓	✓	✓	✓	✓	✓
Choke point people counting	✓	✓	✓	✓	✓	✓
Queueing and dwell time monitoring	✓	✓	✓	✓	✓	✓
Features						
Man down automatic detection	✓		✓	✓		✓
Panic Button	✓		✓			
LED indicator	✓		✓			
Mechanical						
Dimensions [mm]	86 x 54 x 4	Φ42 x 31 x 10	260 (total length)	72 x 23 x 2 + flanges of 9mm each	72 x 23 x 26 + flanges of 9mm each	37 x 24 x 5
Ingress Protection	IP66	IP65	IP40	IP53	IP53	IP40
Power						
Battery capacity [mAh]	800	225	90	2700	2700	225
Battery life *	12 months	4 months	1.5 months	48 months	48 months	4 months
Replaceable/rechargeable	–	Replaceable	Rechargeable	Replaceable	Replaceable	Replaceable

* Listed battery life is based on a typical use case. Effective battery life may vary depending on configuration parameters and environmental factors.

Operating parameters

General

Operating temperature	-20°C...+55°C
Data update rate	10 seconds to 10 days (configurable)
Configuration	Remotely

Certifications

FCC	(all variants)
IC (ISED)	CFR47 Telecommunications, Part 15 Subp. C Intentional Radiators
CE	Radio Standards Specification (RSS) RSS-210 and RSSGen
	Radio Equipment Directive 2014/53/EU, ROHS compliant