LocoTag P4P.

Product Highlights.

→ Small, covert and easy to install
→ Long battery life of up to 5 years
→ Reports every 5 or 10 seconds
→ Up to 80m (250ft) range
→ IP65 waterproof
→ Uses proprietary protocol over 2.4GHz

Installation and asset association.

Installation is simple. The LocoTag has a 3M adhesive backing which provides a strong attachment to plastic and metal surfaces.

Each LocoTag has a unique identifier that is presented as a number and a barcode on its label. Association is completed by scanning this barcode and entering details regarding the asset. This can be completed directly on LocoAware. Once associated, LocoAware allows the user to search for a type of asset, or for a specific asset.

How the system works.

The LocoTag P4P has been developed to work alongside the LocoTrack tracking and monitoring devices. The LocoTag P4P can report presence/absence for alert notifications to LocoAware via SystemLoco devices.

LocoAware enables you to view the proximity data and locations where the LocoTags have been observed by LocoTrack devices. The same controls are accessible to 3rd party applications via JSON API to the Loco server.

Design considerations.

The system has been developed with end-to-end security in mind and protection against replay and masquerade attacks are provided as standard. Each LocoTag P4P has a unique key programmed at manufacture and all communication is authenticated.
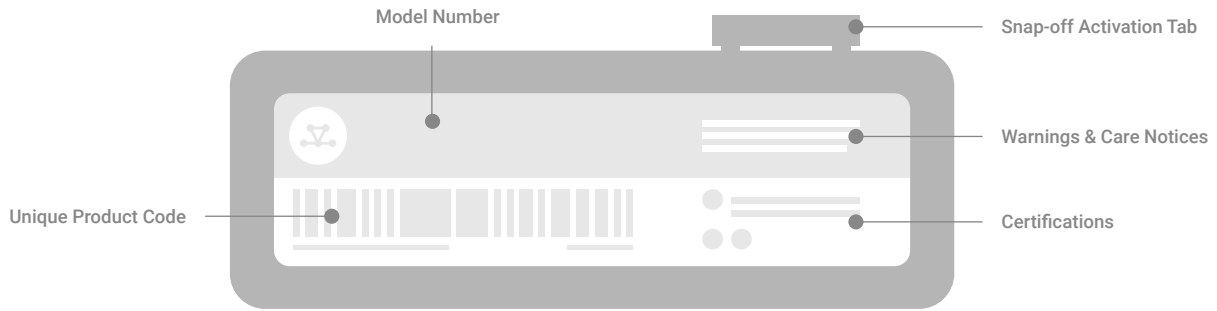
Applications include.

Asset & personnel management:

The LocoTag P4P has been designed to make finding people or assets easy. With a network of LocoTrack devices, assets or personnel can be found effortlessly and instantly.

Technical Specifications.

Model Number

Snap-off Activation Tab

Warnings & Care Notices

Certifications

Unique Product Code

Communication

Authenticated proprietary protocol over 2.4GHz

LocoTag Reporting

Range	20m (indoors)
	80m (outdoors / LOS)
Number of tags	Up to 1,000 tags per HG* device
HG Reporting interval	15 minutes

Power Consumption

Sleep	0.004 mA (average)
Reporting	12 mA (average)
Reporting period	sub 1ms

Battery

320mAh primary battery (2xCR2025, total 0.1g lithium), providing 5 years of proximity reporting.

Mechanical Charecteristics

Dimensions (LxWxH)	75x34x4 mm
Weight	15 gr
Material	PC+ABS (recyclable casing)
Colour	Black

Environmental

IP rating	65
Storage temperature	-30 to 60ºC
Operating temperature	-25 to 60ºC

Certifications

CE, ROHS, FCC, IC, MIC, etc.

Works With

LocoTrack Devices, Z1U

Part Number

P4P	Proximity reporting