

Versatile, rugged, QUUPPA enabled IOT devices for a range of INDUSTRIAL USE CASES including:

LONG BATTERY LIFE • LED AND BUTTON ALERTS • RUGGED FORM FACTORS • RANGE OF ATTACHMENT OPTIONS

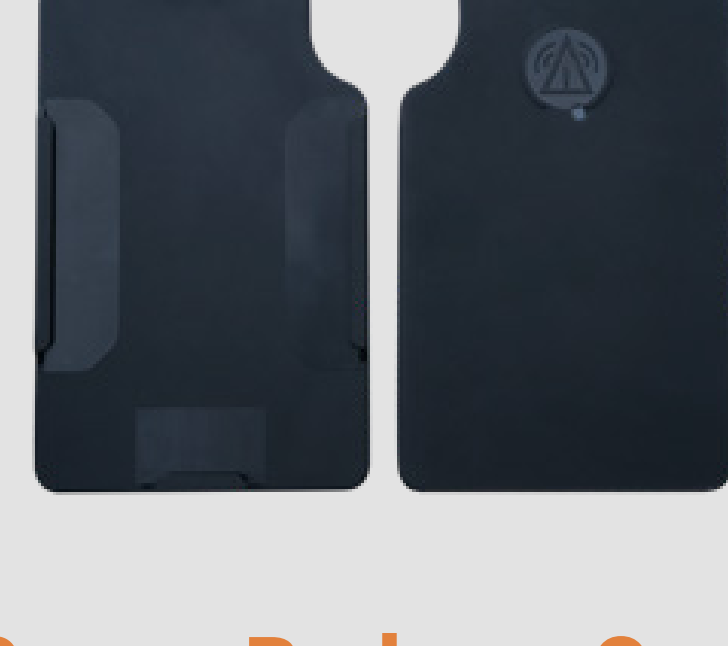


Sense Asset - Quuppa

Highly Ruggedized IP68 rated asset tracking device

Long battery life of 5+ years

Button and LED for process input and feedback



Sense Badge - Quuppa

Industrial IP68 rated Personnel tracker and ID card holder

Long battery life of 5+ years

Button and LED for alerting



Sense Lite - Quuppa

Durable and compact IP68-rated asset tracking device

Multiple attachment options

Replaceable coin cell battery with life of 1-2 years

Button and LED for alerting



Sense Ultra - Quuppa

Highly Ruggedized IP68 rated asset tracking device

Replaceable batteries offering life of over 10 years

Button and high intensity LED for easy identification in picking applications

SUITABLE FOR A RANGE OF USE CASES



Monitoring personnel in offices or outdoor environments | Asset tracking in the supply chain | Equipment tracking in lay down yards Staff safety in hospitality or healthcare settings | Monitoring assets and equipment in oil and gas fields | Roll cage tracking in manufacturing or storage | Monitoring visitors at large events | Tracking vehicles and equipment across large sites | Accurate picking of stock items in large storage environments

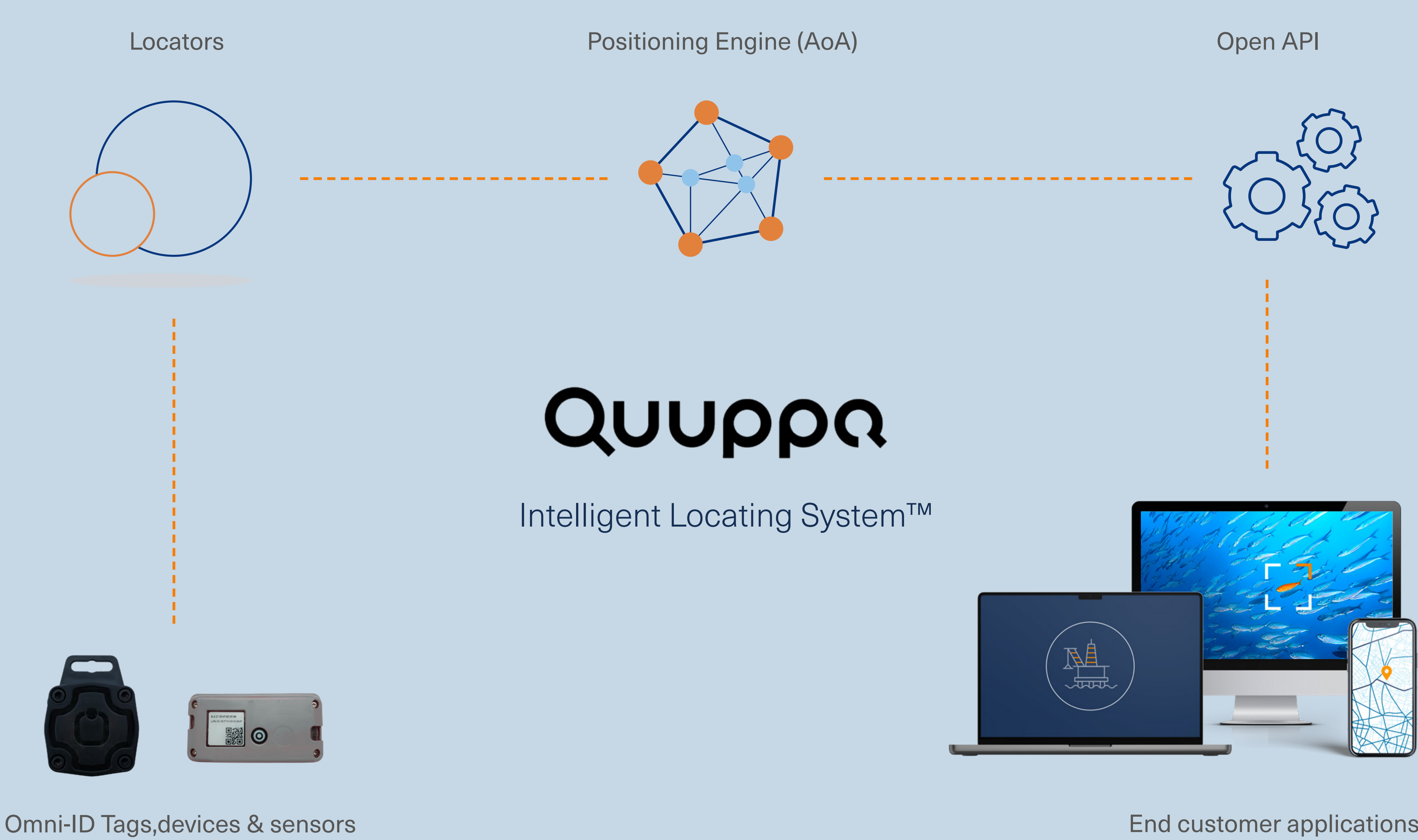
The Quuppa Intelligent Locating System™

A powerful technology platform for location-based services and applications.

Quuppa's unique Angle-of-Arrival (AoA) methodology and positioning algorithms enable real-time tracking of Bluetooth Low Energy (LE) devices, with sub meter level precision.

The Quuppa Positioning Engine determines the angle at which the signal from an individual location device was received and by combining the AoA from multiple Bluetooth antenna elements is able to accurately compute the location of individual devices.

Quuppa is a reliable, versatile, highly customizable, fully scalable and cost-effective Real-Time Locating System (RTLS) solution for all industries.



Sense Quuppa Range

Featured Comparison Guide

Product Name	Asset	Ultra	Badge	Lite
Typical Applications	IT, office, hospital and laboratory asset tracking, logistics involving metallic packaging Intermodal logistics, predictive maintenance, IT data centers	Hospitals, warehouse management, facilities management, asset management, manufacturing facilities, container management, ports construction, mining, cold chain condition monitoring	Personnel tracking, staff / visitor tracking mustering & safety requirements, smart office applications, process flow monitoring, VIP & delegate tracking at tradeshow / events	Personnel tracking, smart office applications, process flow monitoring, hospitals manufacturing facilities, warehouse management, container management, facilities management, yard management
Frequency Range	CH 37 (2.402), Quuppa Proprietary (2.401, 2.403, 2.481) & 2.478 GHz	CH 37 (2.402), Quuppa Proprietary (2.401, 2.403, 2.481) & 2.478 GHz	CH 37 (2.402), Quuppa Proprietary (2.401, 2.403, 2.481) & 2.478 GHz	CH 37 (2.402), Quuppa Proprietary (2.401, 2.403, 2.481) & 2.478 GHz
Radio Protocol	Bluetooth® LE, Operating Quuppa intelligent locating system (RTLS). Supports backchannel communication & FOTA update.	Bluetooth® LE, Operating Quuppa intelligent locating system (RTLS). Supports backchannel communication & FOTA update.	Bluetooth® LE, Operating Quuppa intelligent locating system (RTLS). Supports backchannel communication & FOTA update.	Bluetooth® LE, Operating Quuppa intelligent locating system (RTLS). Supports backchannel communication & FOTA update.
Battery Type	Sealed prismatic battery	2x replaceable AA SAFT LS14500 5.2Ah	Sealed prismatic battery	Replaceable CR2032
Battery life	Up to 5 years	Up to 10 years, replaceable	Up to 6.5 years	Up to 2.5 years
Material	Overmoulded durable, shock resistant TPE (thermoplastic elastomer)	Overmoulded durable, shock resistant TPE (thermoplastic elastomer)	Polycarbonate	2 part polycarbonate case
Size (mm)	95.1 x 34.2 x 21	135.3 x 69.2 x 33.1	(Portrait) 96.4 x 57.9 x 8	36.9 x 36.9 x 12.8
Configurable Parameters	Tx power +6dBm to -12dBm, accelerometer threshold (rate & sensitivity), default state Tx & Rx rate 0.1Hz to 2Hz, Triggered state Tx & Rx rate 1Hz to 33Hz, response mode (Rx rate), payload parameters, state time out.	Tx power +6dBm to -12dBm, accelerometer threshold (rate & sensitivity), default state Tx & Rx rate 0.1Hz to 2Hz, Triggered state Tx & Rx rate 1Hz to 33Hz, response mode (Rx rate), payload parameters, state time out.	Tx power +6dBm to -12dBm, accelerometer threshold (rate & sensitivity), default state Tx & Rx rate 0.1Hz to 2Hz, Triggered state Tx & Rx rate 1Hz to 33Hz, response mode (Rx rate), payload parameters, state time out.	Tx power, accelerometer threshold (rate & sensitivity), Default State Tx Rate 0.1Hz to 2Hz, triggered state Tx rate 1Hz to 33Hz, response mode (Rx rate), payload parameters, state time out.
Operating Temp	-20°C to +55°C	-20°C to +55°C	-10°C to +60°C	-20°C to +60°C
Ingress Protection	IP68	IP68	IP68	IP68
Attachment	Mechanical	Mechanical std or optional cable tie, magnet, adhesive or screw fix option	Lanyard or clip	5 versions available - No attachment, lanyard, cable tie, rivet or mixed attachment

Values for Comparison only, please refer to Product Datasheets for full specifications



All With options for Hazardous Environment to Zone 0 rating

Visit www.hidglobal.com/rfid to learn more or e-mail tagsales@hidglobal.com for all product or technology inquiries and we will be pleased to get in touch.