

Quuppa QT1-1

Quuppa Tag

Product Specification v. 1.1

8.5.2019



Product Specification

Quuppa QT1-1 (Quuppa Tag) is part of the Quuppa Intelligent Locating System. Other parts of the Quuppa Intelligent Locating System are Quuppa Locators and Quuppa Positioning Engine software. The Quuppa Intelligent Locating System allows you to locate and track any objects equipped with Quuppa Tags in an environment equipped with Quuppa Locators. Quuppa QT1-1 contains the Quuppa QT1 (Quuppa Tag Module).

Brand name:	Quuppa
Product name:	Tag
Model number:	QT1-1
Purpose:	Quuppa QT1-1 contains a Quuppa QT1 RF transceiver using the 2.4 GHz frequencies
Dimensions:	∅: 39 mm, h: 9 mm
Weight:	10 g
IP Protection Class:	IP 67
Operating temp. range:	0°C...+60°C
Storage temp. range:	-30°C...+70°C
Radio:	nRF52832 Bluetooth SoC by Nordic Semiconductor
Radio transmission:	Bi-directional
Number of channels:	81 channels (1 MHz) but only one at a time (for Japan 80 channels)
Carrier frequencies:	2401 2402 ... 2408 2481 MHz (for Japan: 2402 ... 2408 2481 MHz)
Modulation:	GFSK
Max Output Power:	2.5 mW
Antenna:	Integrated printed IFA antenna with 0dBi gain
Antenna connector:	N/A
Power supply:	CR2032 Due to waterproofing the battery is non-removable and non-rechargeable.
Charger / Adapter:	N/A
Certifications:	Japan Radio Law, FCC, IC and Korea for Quuppa QT1. CE and EAC for QT1-1.
Functionality:	Button, LED, Accelerometer.