

Features



- EU, US, and Asia frequency supported
- LoRaWAN 1.0.3
- Small size
- Long battery life
- IP64 equivalent
- Rechargeable battery (4.2V LiPo 540mAh) with USB type C port

The Tabs object locator is a multi-purpose tracker designed for asset tracking, pet tracking, personal objects, and valuable assets. The sensor is composed of a GNSS receiver, a push button, an LED indicator, and a USB-C connector. It contains a LiPo battery that can be recharged through the USB-C connector, and also includes a three-axis accelerometer which is optimized for different asset applications for response time and battery life.

Specification

Model Name	WSMS-142 (TBOL100-915, TBOL100-868)
Frequency	EU 868MHz US 915MHz
RF TX power	+19dBm (Conducted)
Antenna Gain	-5dBi Peak, -8dBi Avg
RF Sensitivity	-140dBm (Conducted)
Battery Type	4.2V LiPo 540mAh rechargeable battery
Average Current	170mA maximum/ 5uA minimum
Protocol	LoRaWAN 1.0.3
Operation Temperature	0 to 50°C
Environmental Rating	IP64 equivalent
Dimensions	50mm x 12mm x 50mm
Weight	30g with battery
Sensors	GNSS module, 3D accelerometer, Push button
Type Approval	CE/FCC

Object Locator

DOC ver.: BQW_03_0027.001

SKU Detail

SKU	Country	Channels	Frequency Band (MHz)
TBOL100-868	Europe	8	EU868 (862~870)
TBOL100-915	USA	16	US915 (902~928)

* Samples are also available for IN865, AS923, AU915, KR920.