

## 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 receive, 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

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