

## Features



- EU, US, and Asia frequency supported
- LoRaWAN 1.0.3
- High resolution GNSS module
- IP66 equivalent

**DIREKTRONIK**  
Dataprodukter utöver det vanliga

The Industrial Tracker is a general purpose tracker, designed for GPS tracking on various applications: bicycles, cars or pets. It is equipped with GPS and 3-axis accelerometer, that provides a much more cost-effective way for service providers to deploy this for tracking applications than to use GPRS network.

## Specification

<b>Model Name</b>	WSMS-141
<b>Frequency</b>	Either 863–870MHz for EU models and 902–928MHz for North America
<b>RF TX power</b>	+19dBm conducted
<b>Antenna Gain</b>	0dBi Peak, -3dBi Avg
<b>RF Sensitivity</b>	-138dBm conducted
<b>Battery Type</b>	3.6V ½ AA Li-SOCI2 1200mAh battery (*2) (ER14250)
<b>Voltage</b>	3.1~3.6 V
<b>Average Current</b>	170mA maximum/5uA minimum
<b>Operation Temperature</b>	-20°C to +70°C
<b>Environmental Rating</b>	IP 66 equivalent
<b>Sensor</b>	GNSS module, 3D MEMs accelerometer, Hall-effect
<b>Dimensions</b>	107mm x 52mm x 27mm
<b>Weight</b>	45g
<b>PCB Temperature</b>	NTC 100k ohm
<b>Battery Monitoring</b>	Resistor divider
<b>Type Approval</b>	FCC/IC/CE

# Industrial Tracker

Doc ver.: BQW\_03\_0026.002

## SKU Detail

SKU	Country	Channels	Frequency Band (MHz)
TNIT100-868	Europe	8	EU868 (862~870)
TNIT100-915	USA	16	US915 (902~928)

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