

Features



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

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

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

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.