



Industrial Tracker

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.

FEATURES

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

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-SOCl ₂ 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/CE |

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.