

MT-02E-IO — REGIONAL MOBILE VEHICLE TRACKING AND MEASUREMENT DEVICE WITH I/O OUTPUT

It tracks the asset information of the equipment.

It can send signals in range of 50-80 meters.

Device is battery powered and can operate for up to 5 years without battery replacement.

It reads engine status and voltage informations.

Calculates and stores engine operating hours.

**ACTIVE USED SECTORS**

- Agriculture
- Construction
- Production
- Health
- Mining
- Automotive
- Logistics
- White Goods

APPLICABLE MODULES

- Real Time Equipment Tracking System

GENERAL FEATURES

- Vehicle regional asset tracking
- Reading engine status information
- Engine hours calculation and storage
- Reading voltage information

MT-02E-IO — REGIONAL MOBILE VEHICLE TRACKING AND MEASUREMENT DEVICE WITH I/O OUTPUT**TECHNICAL FEATURES**

Data Communication	RF, UWB
Working Method	TOF, RSSI
Range	50 - 80 meters in open areas 30-50 meters in closed areas
Pulse Period	Adjustable
Sensors	Motion
Communication Frequency	2.4 GHz Standard
Antenna Type	PCB, 1.6dbi
RF Power	0 dBm - 2.5 dBm
Protocol	IEEE 802.15.4 - IEEE 802.15.4 a WPAN
Security	128 bit AES (optional)

PHYSICAL FEATURES

Dimensions	115 mm x 65mm x 40 mm
Weight	157 g (without cables)
Working Temperature	0 C / 70 C
Relative Humidity	0 - 95%, non-condensing
Protection Class	IP65
Shock Resistance	3g
Case	ABS
Battery	CR123A
Estimated Battery Life	1 - 5 years

OTHER FEATURES

DC Operating Voltage	-
AC Operating Voltage	-
Remote Firmware Update	No
Communication Interface	-
I/O Interface	2 Input reading
Certification	CE



NEW GENERATION INDUSTRIAL IoT & RTLS SOLUTIONS

Real time equipment, employee,
vehicle location and status tracking
in industrial environments

**Make better operational
assets, secure equipments,
and smarter tools**

Increase overall operational efficiency and
make your workplace safer with Wipelot IoT



Asset & Equipment Monitoring

Track real time status and location of motorized
or non-motorized vehicles and equipments



Employee Monitoring

Track employee locations with centimeter
sensitivity both indoor and outdoor



Work Safety

Prevent forklift-to-employee collisions,
monitor a person's instant actions such as
free falling, stop moving or fainting



Monitoring Environment Parameters

Monitor gas, dust, temperature-humidity-light
levels wirelessly

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