

MT-02VDC — PRECISE LOCATION BASED MOBILE VEHICLE TRACKING DEVICE / BLIND SPOT DEVICE

It is used to determine the position of personnel with sub-meter accuracy at indoor and outdoor areas.

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

It works continuously by taking its energy from vehicle. It can also be produced with battery support.

**ACTIVE USED SECTORS**

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

APPLICABLE MODULES

- Real Time Equipment Tracking System
- Safezone Collision Avoidance System

GENERAL FEATURES

- Distance measurement accuracy is 20 cm
- Remote firmware update
- 2 status LEDs

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TECHNICAL FEATURES

Data Communication	RF, UWB
Working Method	TOF, RSSI
Range	100 meters in open areas 20-50 meters in closed areas
Pulse Period	-
LED Indicators	Battery Status, Pulse Frequency
Sensors	-
Communication Frequency	2.4 GHz Standard / 4.24 - 4.74 GHz UWB
Antenna Type	PCB Trace, 1.2dbi
RF Power	0 dBm - 22 dBm
Protocol	IEEE 802.15.4 - IEEE 802.15.4 a WPAN
Security	128 bit AES (optional)

PHYSICAL FEATURES

Dimensions	115 mm x 65 mm x 56 mm
Weight	205 gr
Working Temperature	0 C / 70 C
Relative Humidity	0 - 95%, non-condensing
Protection Class	IP65
Shock Resistance	3g
Case	ABS
Battery	Optional
Estimated Battery Life	Optional

OTHER FEATURES

DC Operating Voltage	9-36V DC
AC Operating Voltage	-
Remote Firmware Update	Yes
Communication Interface	-
I/O Interface	-
Certification	CE, E-mark



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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