

FT-05VCU-GSM-ENG-CAN ——— VEHICLE TRACKING DEVICE WITH MOBILE ANCHOR

It is used for tracking vehicles via GPS.

Sim card is inserted to transfer the data collected. It can transmit data without sim card in the areas covered with Wipelot anchors.

It can generate positions of equipments by reading signals of Wipelot mobile tags.

It takes energy from vehicle battery.

It monitors the data of vehicle it is attached to, as well as the data of equipment around it.

It works in integration with vehicle card reader device to obtain instantaneous location, instantaneous speed, instantaneous engine status, total distance traveled, total engine working hours, operator information and can bus data from vehicle it is installed on.

It has ability of storing collected data while offline at outside coverage area and sending it when it is within coverage area.



ACTIVE USED SECTORS

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

APPLICABLE MODULES

- Real Time Person/Equipment Tracking System
- Social Distancing System
- Lone Worker System

GENERAL FEATURES

- Determining its location with GPS
- Sending data by alternative methods (GSM, Wipelot anchors, neighbor vehicles)
- Offline data storage
- Industrial case
- 3 status notification LEDs

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100 meters in open areas	
Data Communication	RF, UWB, GSM (2G-3G-4G)
Working Method	TOF, RSSI, GSM, GNSS, CAN Bus
Range	100 meters in open areas 20 - 50 meters in closed areas
Pulse Period	-
LED Indicators	Power, Signal
Sensors	-
Communication Frequency	2.4 GHz Standard / 4.24 - 4.74 GHz UWB
Antenna Type	2.8dbi
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	160 mm x 145 mm x 65 mm
Weight	720 gr
Working Temperature	0 C / 70 C
Relative Humidity	0 - 95%, non-condensing
Protection Class	IP65
Shock Resistance	3g
Case	ABS
Battery	-
Estimated Battery Life	-

FEATURES	
DC Operating Voltage	12-24V DC
AC Operating Voltage	-
Remote Firmware Update	Yes
Communication Interface	CAN Bus
I/O Interface	1 digital, 1 analog voltage input, 2 digital output
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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