meitrack ®

www.meitrack.com

MEITRACK GROUP

Dedicated to International
Telematics and Integrated Solution

Since 2002

# Content
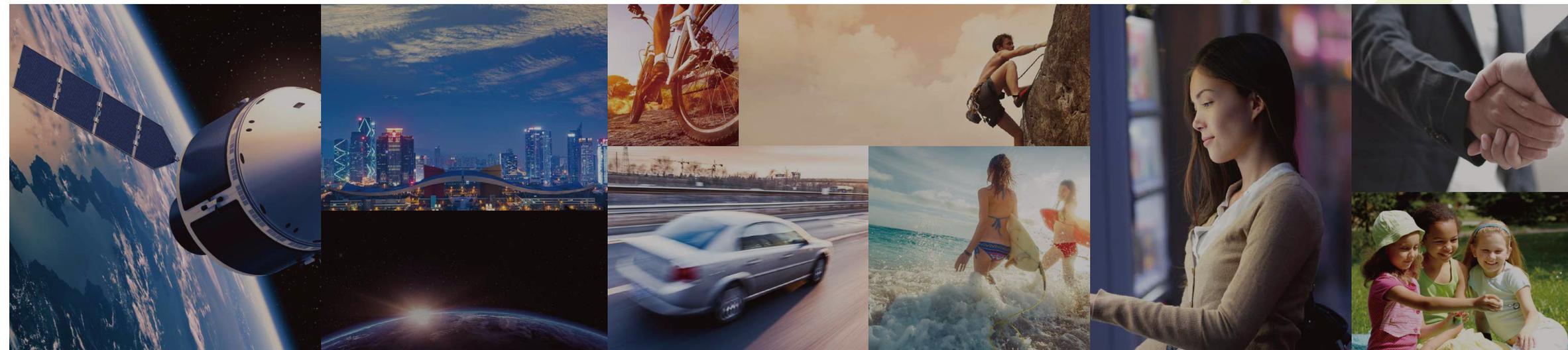
Company Overview

Since 2002.
20,000m^2 state of the art manufacturing facility
based in Shenzhen, China.
Placed in-house R&D centers in Taiwan, Shenzhen
and the United States.
Providing OEM&ODM service.
Providing software development service.
Global network covering Europe, USA, CIS, Middle
East, and Asia Pacific Region.

Milestone

2019 ● Meitrack Japan branch was established.

2018 ● Releasing in-house developed MDVR solutions.

2017 ● Developed its first vehicle tracker running on 4G network.

2017 ● Launched tracking devices compatible with LTE Cat-M network.

2013 ● Meitrack Taiwan branch and its R&D center were established.

2010 ● Began to develop IoT technology, Meitrack as its own brand was brought to market.

2009 ● Meitrack USA branch was established.

2007 ● Meitrack HK branch and Dongguan Factory were established.

2005 ● Developed its first in-house personal GPS tracker GT30i.

2002 ● Founded in Shenzhen, China with the registered capital of CNY20 million.

Global Network

North America

Europe

CIS

Asia

Japan

Middle East

China

HK

Taiwan

Africa

South America

Oceania

United States

Meitrack USA

Meitrack Japan

Meitrack Group

Meitrack Hongkong

Meitrack Taiwan

5 Branch Offices **80%** products exported to more than **170** countries and regions worldwide

Strategic Cooperation

SORACOM

Qualcomm

GURTAM

GpsGate

GARMIN

SINOPEC

Digicel

FAW

中国移动 China Mobile

NEXTY Electronics

STC

AT&T

BT

MOBILEYE

orange

vodafone

france telecom

ERICSSON

CNPC

MANUFACTURING

Standardized Production Management

GPS signal generators MP9000 & MP9100 Agilent GSM/GPRS integrated tester 8960 Reflow soldering, SMT machine, solder paste printer, AOI tester...

Strict Quality Control

IATF16949:2016 Quality Management System
ISO9001:2015 Quality Management System
Certs: CE, FCC, RoHS, PAHs, etc.

State of the Art Equipment

All painted anti-static production floor
Air shower room ensuring dust-free workshop
Aging treatment on all products...

Quality Management

■ IQC

- Inspect all accessories and main materials to ensure zero defects.
- Adopt United States defense standard MIL-STD-105E(II).

■ SMT QC

- Reflow soldering with 8 high temperature zones.
- Multi-functional SMT machine (JUKI); support minimum size: 0201.
- AOI inspection after reflow soldering.

■ DIP QC

- Inspect pseudo soldering and non-soldering.
- First article inspection.

■ Aging Inspection

- All products are passed 36 hours' 60°C aging inspection.
- High temperature aging treatment room.

■ GPS Tracker QC

- QC of semi-finished products.
- Test the working mode of semi-finished products, such as the call and vibration functions.
- Simulate the base station to send GSM signals to ensure positioning accuracy and data consistency.

■ Packing QC

- IPQC inspectors monitor the whole production process.
- OQC inspectors randomly inspect products.
- Rework unqualified products.

■ Finished Goods Inspection

- Test product performance.
- Inspect product appearances.
- Make records.

■ OQC

- Label raw materials.
- Use the high-end electrical testing record system (MyCom) to inspect products.
- Adopt comprehensive ERP system to ensure high-efficiency management.

Product Portfolio

Personal Tracker   Asset Tracker
Mobile DVR   GPS Tracking Platform
Vehicle Tracker

Personal Tracker

P99 Series
3G/EMTC/NB-IoT/FDD-LTE

The P99 series have three versions running on WCDMA, LTE Cat M1/Cat NB1 and FDD-LTE networks respectively. It has a rugged, sturdy design making it water resistant, and ideal for outdoor use. It is enabled for WiFi GPS locations, and can be charged using a wireless or magnetic charger.

- IP67 water resistant
- 400 hours standby time
- WiFi positioning (Optional)
- Wireless charging (Optional)
- SOS alert
- Two-way audio/Listen-in
- Polygon geo-fence
- OTA firmware update
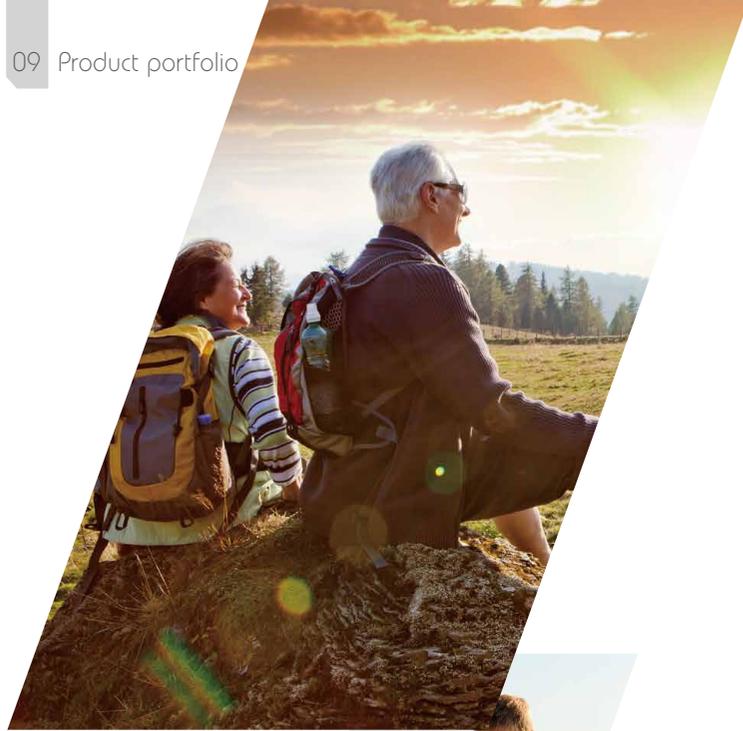
Mini Personal Tracker

P88L
4G

The P88L is a newly developed 4G GPS personal tracker that balances the product size and standby time. Share some features of MT90L and P99L, the device also provides some new features, such as voice broadcasting, Bluetooth configuration, pedometer, and alarm clock etc. It can be used to track the elderly, children, pets, lone workers, and assets in real time.
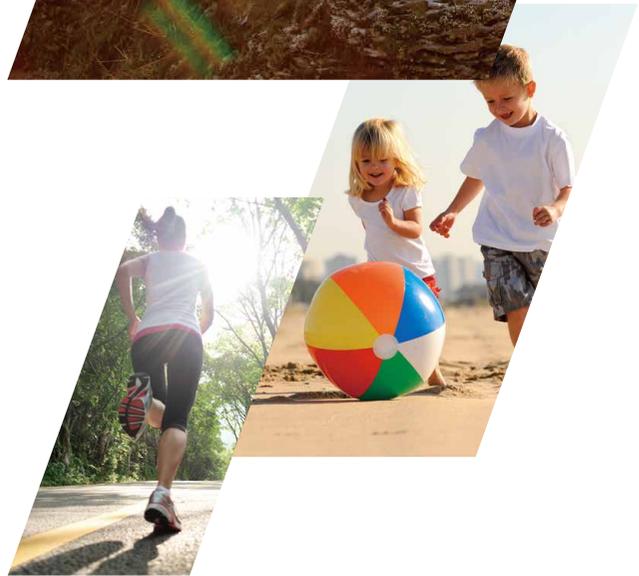
- LBS/GPS/WiFi/BT Tracking
- IP67 Water Resistant
- Two-way Conversation
- SOS Button
- Man Down Alert
- Pedometer
- Alarm Clock
- Magnetic Charging
- Frequent Location Suggestion

Mobile DVR

MD811H
8CH 1080P hard disk & SD card MDVR

The MD811H is an 8-channel HD mobile digital video recorder (MDVR) featuring double systems (double communication channels) and high stability. The device is specially designed for mobile video surveillance for different types of vehicles, such as buses, long-distance coaches, taxis, logistics vehicles, armored cars, private cars, etc.

- Dual systems: MDVR+TRACKER
- High stability
- ALL-IN-ONE platform
- Video recording
- Video management
- Support GPS/ GLONASS/ BeiDou/ 3G/ 4G/ WiFi

Vehicle Tracker

T633L
4G

The T633L is a brand new 4G vehicle tracker. This unit can connect to multiple accessories: RFID card reader, camera and LED Nixie Tube Display. In addition, it supports driving behavior analysis, fuel level monitoring and temperature monitoring and its performance has been significantly improved.

- Maximize I/O Flexibility
- CAN Bus Interface
- Driving Behavior Analysis
- Anti-theft
- RFID Card Reader (Optional)
- Take Picture
- Fleet Scheduling
- Driver Authorization

Vehicle Tracker

T333
3G

The T333 is a multifunctional vehicle tracker specially designed for container trucks, logistics vehicle, buses and rental cars, etc. It provides excellent and stable performance in vehicle tracking and fleet management.

- Tire pressure monitoring
- CAN bus interface(Optional)
- Fuel monitoring
- Fleet scheduling
- Take picture
- Driver authorization
- Two-way audio
- SOS alert

Vehicle Tracker

T366 Series
2G/3G/4G

The T366 Series have three versions running on 2G, 3G and 4G networks respectively with precise positioning. This unit is a vehicle GPS tracker with IP67 water-resistance rating and can be installed into cars, motorcycles, yachts, and boats.

- IP67 water resistant
- Flexible configurable I/O
- Driving behavior analysis
- High temperature resistant
- Anti-jammer
- Two-way audio
- Polygon geo-fence
- Activate output by event

Vehicle Tracker

TC68L/TC68SL
4G

The device is a 4G plug & play vehicle GPS Tracker, which supports the OBD function, vehicle positioning, live tracking, and anti-theft functions. It is a perfect choice for private cars and other motor vehicles equipped with an OBD II connector.

- OBD Data (TC68L)
- Plug & Play
- 4G WiFi Hotspot
- Disconnect Alert
- Geo-fence
- SOS Alert
- Speeding Alert
- Device Status Alert
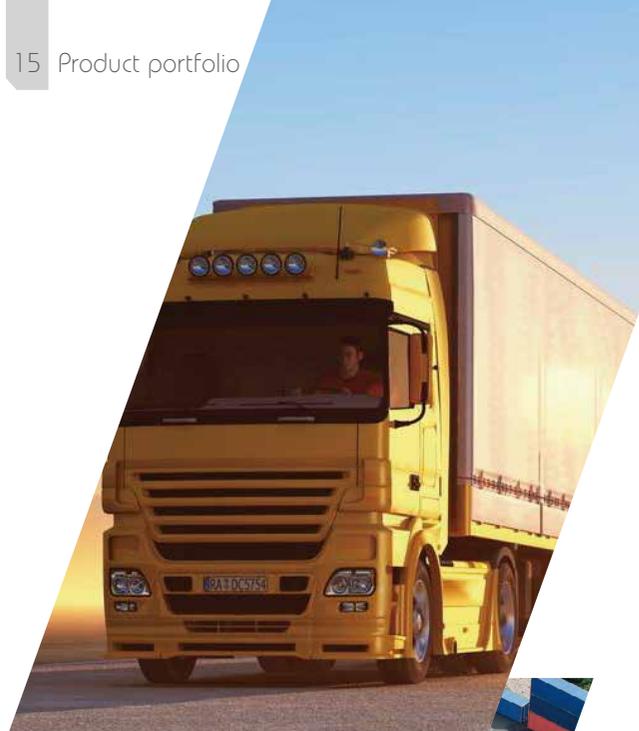
Asset Tracker

K211G
3G/Lora GPS Smart Lock

The K211G is a GPS smart lock that supports Long Range (LoRa) and GPRS communication. It is specially designed for door lock management in various land and sea transportation such as box trucks, trailers and containers.

- Built-in LoRa (optional)
- IP67 water resistant
- Locking or unlocking by RFID
- 78 days of battery life
- Outer case removal/open alert
- Lock tamper alert
- T399G disconnected alert
- OTA firmware update
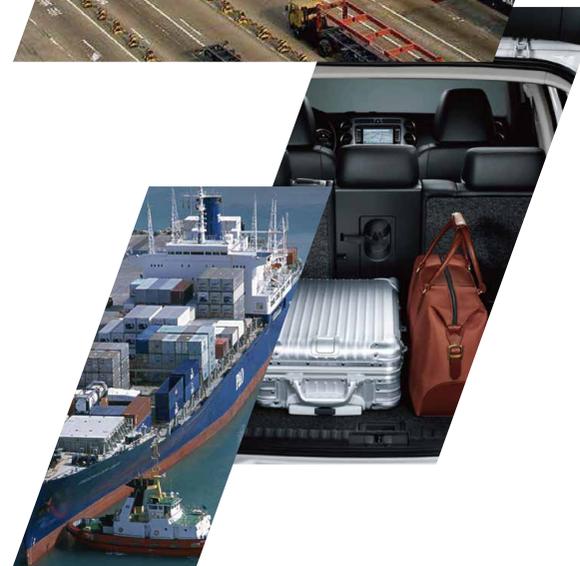
Asset Tracker

T355G
3G

The T355G is a magnetic GPS tracker with over 4 years long standby time designed for track goods, valuables, equipment, and other assets. It is completely portable and contains industrial magnets which makes it perfect for flat metal surface.

- Over 4 years standby time
- Magnetic installation
- IP66 water resistant
- Rugged design
- Drop detection
- Low battery alert
- Polygon geo-fence
- OTA firmware update

GPS Tracking Platform

MS03
Meitrack Family GPS Tracking Platform

MS03 is the newest GPS tracking innovation from Meitrack Group. Extensive programming combined with an esthetically designed user interface (UI), giving the MS03 platform a much more user friendly experience. The platform consists of an extendable database, which ultimately can meet various functional requirements and needs.

http://ms03.trackingmate.com

User Name: demo   Password: demo

- 300+ functions customizable
- Native app with mdvr online
- Multiple polygon geo-fences
- Off-route alert
- Reverse geocoding
- All-in-one platform
- Multi-screen monitoring
- Multi-lingual
- White label
- Economical

Fleet Management Solution

Vehicle Video Surveillance System

Adopting the high-performance processor and Linux operating system, Meitrack independently develops a new-generation wireless vehicle video surveillance system that uses H.264 video compression/ decompression, GPS positioning and wireless data transmission technologies. It is specially designed for mobile video surveillance for different types of vehicles, such as buses, long-distance coaches, taxis, logistics vehicles, armored cars, private cars, etc.

Cameras   M2M Device   3G/4G/WiFi   Server   Internet   Monitoring Platform

ADAS and DMS Systems

The ADAS and DMS Systems are developed to enhance vehicle safety and improve better driving. ADAS, are systems that help avoid collisions and other accidents by offering technologies that alert the driver to potential risks. DMS system can identify diver's abnormal behaviours such as fatigue driving, distracted driving, smoking etc,. It can also verify the driver's identity via the face recognition algorithm . These greatly reduce driving accidents and save lives.

DMS Camera   ADAS Camera   M2M Device   GPRS/3G/4G   Server   Internet   Monitoring Platform
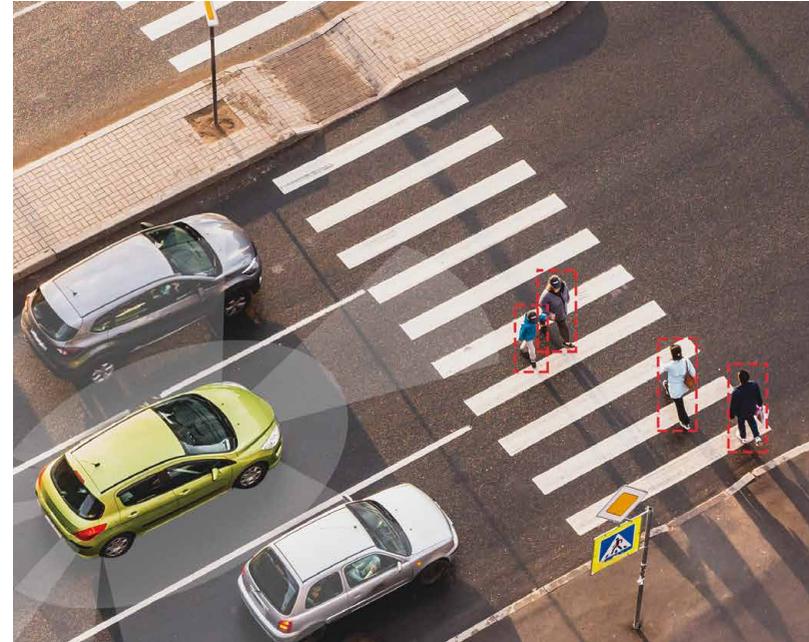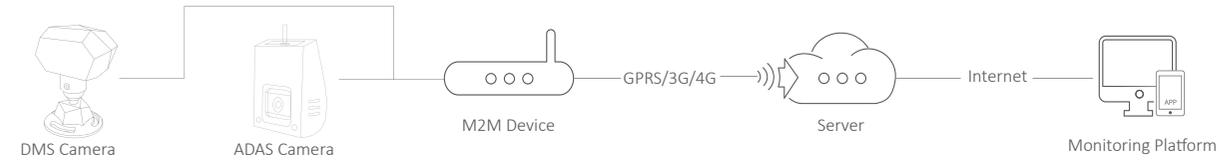
Upgraded Passenger Counting System

Meitrack independently develops a passenger counting system to count the number of passengers that get on and get off buses. Under standard environments, the system can reach a high rate of accuracy. More importantly, managers can get counting reports from Meitrack MS03 tracking platform. This is an effective way to determine passenger load for the purpose of adjusting driving routes and operating time to prevent overloading of the vehicles, and thus reduce operating costs.

IR Cameras   Counter   M2M Device   GPRS/3G/4G

Monitoring Platform   Internet   Server
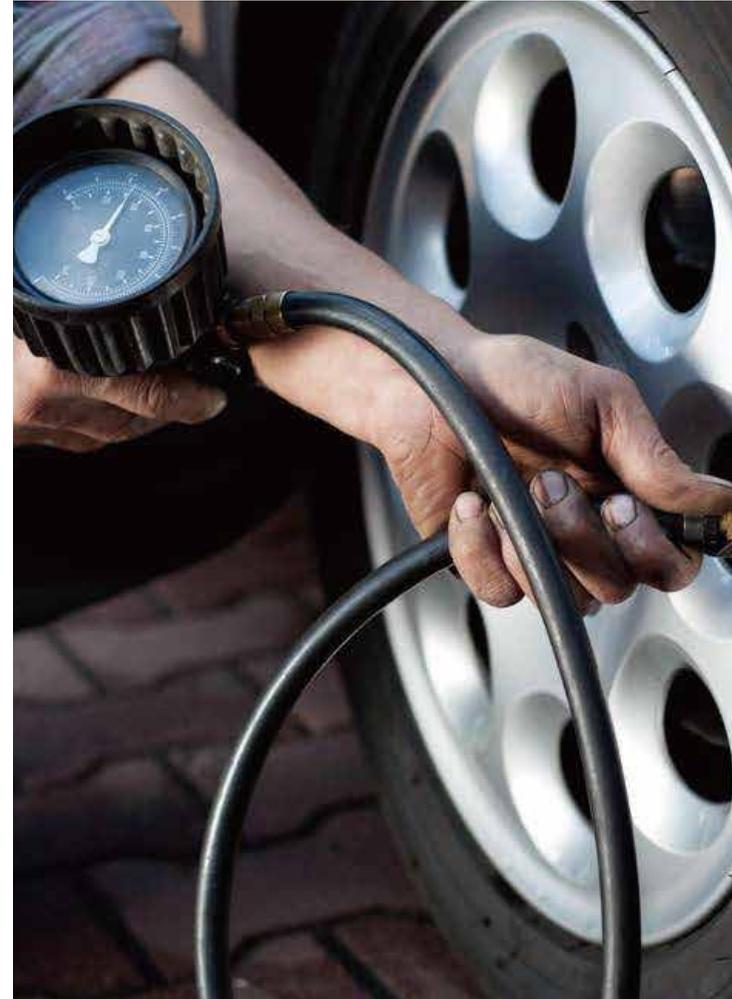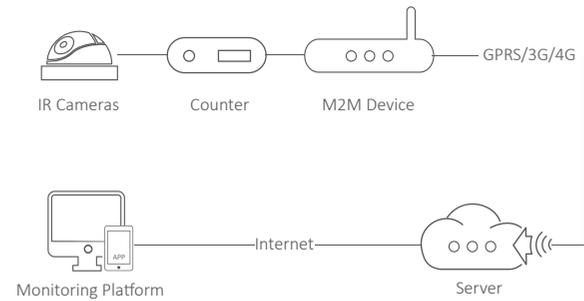
Tire Pressure Monitoring System

Vehicle's tires play an important role in every vehicle out on the road. Having a tire pressure monitoring system installed may ensure that you are always driving with a safe set of tires on the road. It is a great option for long distance travel that can be installed into all major vehicles models including trucks, private cars, buses, freight trailers, etc.

Tire Pressure Sensor   M2M Device   GPRS/3G/4G

Monitoring Platform   Internet   Server
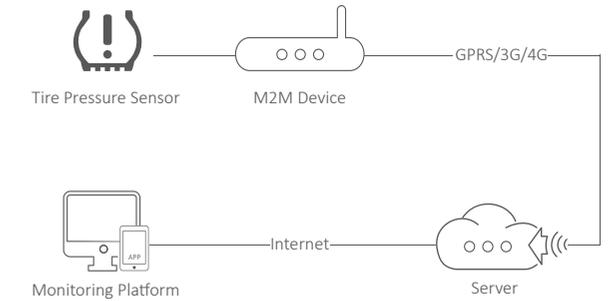
Fuel Monitoring System

Meitarck vehicle trackers are compatible with major fuel level sensors in the industry, including the resistive fuel level sensor, CLS sensor, LLS sensor, and ultrasonic fuel level sensor. After a tracker is connected to the fuel monitoring system, besides basic location information, customers can also get fuel consumption, fuel level, fuel leak, fuel theft information, etc. More importantly, managers can get fuel reports from Meitrack MS03 tracking platform, which helps fleet companies understand where improvements and adjustments are needed.

Ultrasonic Fuel Level Sensor

M2M Device

GPRS/3G/4G

Monitoring Platform

Internet

Server
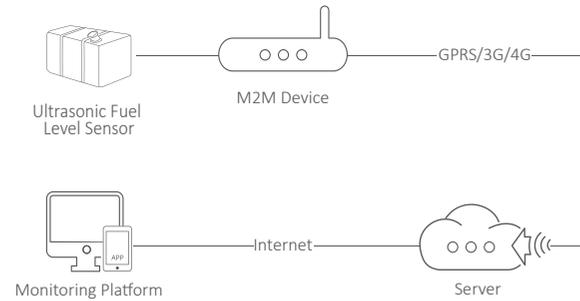
Case Study

Water Sport

P99L | Australia

The P99 series feature water resistance ratings, long battery life, and is one of the ideal choices for water sports. It can pinpoint real-time locations of outdoor enthusiasts and provide reassurance for participants.

In addition, the tracking unit can keep a comprehensive log of their sporting performances that can be later viewed from Meitrack MS03 tracking system on a computer or smartphone.

City Buses

MDVR | Mexico

The Mexican government introduced Meitrack's MDVR bus management solution to guarantee the safety of Mexican residents, ensure a safe bus travel, and prevent illegal activities inside buses. In this project, Meitrack MD522S, camera, LCD display, SOS button, A91 passenger flow sensor and MS03 tracking platform work together to provide a one-stop internal bus monitoring solution.

Taxi Management

T333   Thailand

The Thailand government applied Meitrack's GPS tracking solution in order to enhance the safety of drivers and passengers while improving the taxi service. Taxies are equipped with the T333 tracker, magnetic card reader, taximeter, and camera. These taxies can only be driven by authorized drivers. In case of emergency, the government monitoring center can pinpoint the location quickly and efficiently, and take immediate action.

Fruit Delivery

K211G | Thailand

Farmers in Thailand are using 500 sets Meitrack's GPS fleet tracking system to help track fresh organic fruits from farm-to-table to guarantee the authenticity and security of transportation. During fresh produce transportation, Meitrack K211G GPS smart locks, T399G vehicle trackers, temperature sensors, and the web-based or app-based MS03 platform work together to provide one-stop delivery services for the farms.

Palm Garden
Lora-based tracking solution | Malaysia

This project is applicable to large orchards, palm plantations, and farms where are usually far away from the city center. Due to a lack of GSM network coverage, after transportation vehicles enter these areas, they cannot be monitored, tracked, and managed in real time. Therefore, we develop a vehicle tracking management device based on LoRa and 3G dual communication to help farm managers resolve data communication problems in areas without GSM network coverage.

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