



IOT GPS SOLUTIONS PROVIDER

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The Internet of Things (IoT) describes physical objects, that are embedded with sensors, processing ability, software, and other technologies, and that connect and exchange data with other devices & systems over the Internet or other communications networks.

As the network develops from the 1st generation of wireless cellular technology (mobile telecommunications, introduced in the 1980s) to 5G now, all our habits and mindset are being reformed by IoT. Surely it keeps reforming.

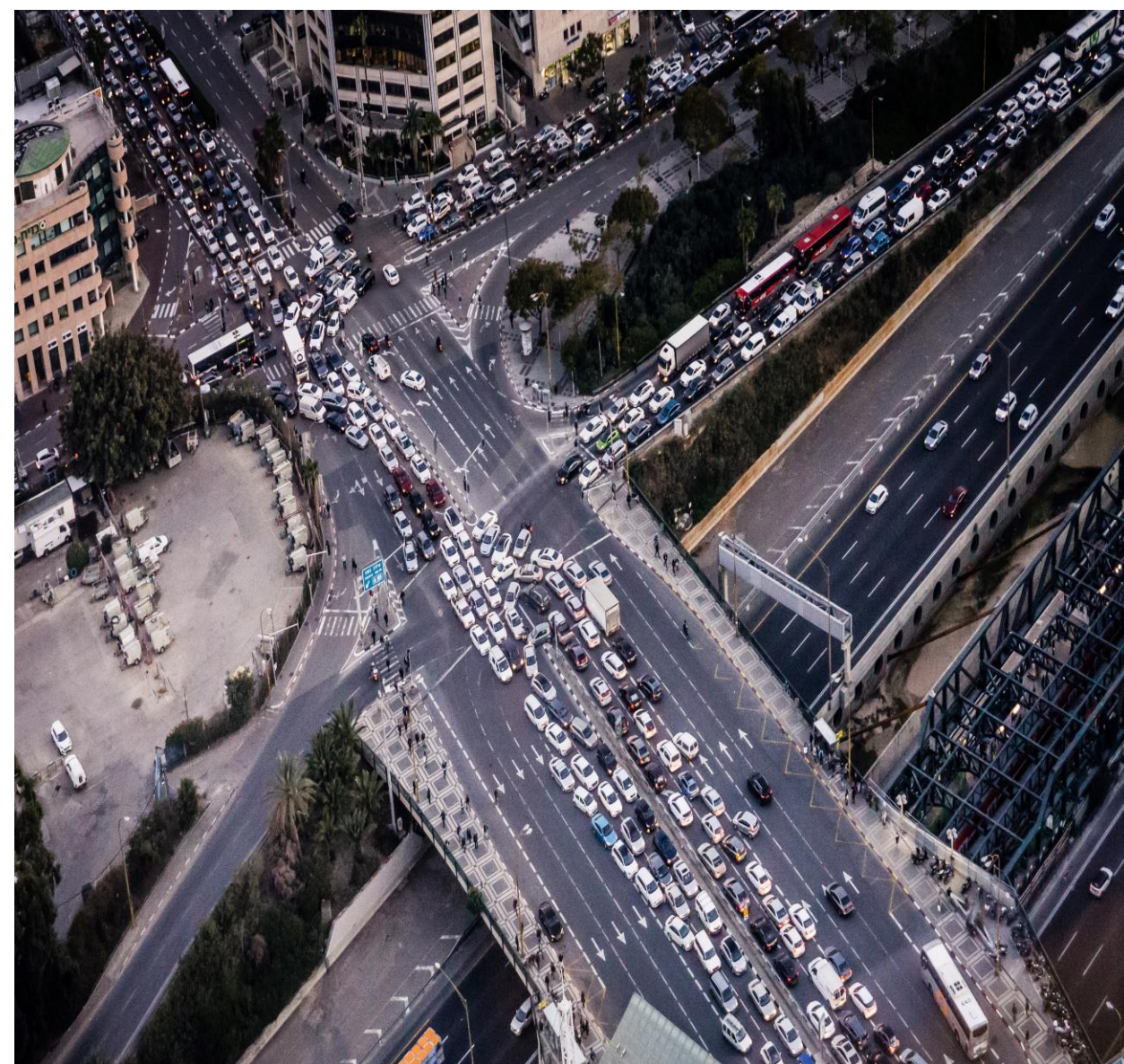


IoT (Internet of Things)

A key concept in the IoT area is PNT, namely position, navigation, and timing. Big Data and Artificial Intelligence need location no matter it is by satellite (GPS, BeiDou, Galileo, GLONASS, etc.), network, or other frequency technologies.

GNSS trackers mostly being called GPS trackers, are popularly applied in fleet management, assets monitor and person caring.

There are various GPS tracking solutions, from advanced high-quality to cheap simple tracking devices, market remains changing and challenging with new players based on government regulations, network development, replacement demands, and international events.



We are all expecting autonomous driving technology to be landed worldwide as soon as possible. Before that, we should develop good enough technology solutions to benefit our drivers. They might be in danger anytime anywhere as driving is boring, in most circumstances.

Humans regulate transportation rules and passive law policy to insurance service, but far from enough to stop transport accidents happening, especially to heavy-duty drivers, moms, and teenagers.

We insist to guard their life and valuables with active safety, in-time reminding and remote reporting, and other features.



4G Smart Dashcams



Vehicle GPS Trackers



Asset GPS Trackers



Smart E-Bike GPS Trackers



Portable GPS Trackers



LotimMonitor Platform





4G Smart GPS Dashcam Model: LCD9 (3CH)

- ✓ 4G LTE + 3G + 2G network communication, stay online-monitoring status anywhere
- ✓ 2CH / 3CH cameras supported, enough and better pricing than MDVR
- ✓ RS232 for additional accessories supported
- ✓ Live streaming video
- ✓ Remote Video playback from TF card etc.

APPLICATION SCENARIOS

Taxi/Passenger
Bus Companies

HMT (Hazardous
Materials
Transportation)

Cargo Delivery
Trucks

Private Car with
teen/mother
drivers

Vehicle Insurance

KEY FEATURES



OTA upgrade &
Debug



Cloud storage &
management



4G LTE + 3G + 2G
Bluetooth + WIFI



Two-way
communication



Real-time GNSS location,
overspeed alarm



ACC engine
status detection



Built-in
Android 5.1



1080P resolution



Live streaming
video & photo



SOS Button



RS232 supported, data
transmission, card reader(optional)



2CH recording, front/inner-
cabin



4G ADAS DMS Dashcam

Model: LCD02 (2CH)
LCD03 (4CH)

- ✓ 4G LTE + 3G + 2G network communication, stay online-monitoring status anywhere
- ✓ 2CH / 4CH cameras supported, enough and better pricing than MDVR
- ✓ Intelligent COACH for distractive drivers especially the moms, teenagers, fatigue drivers, and so on

APPLICATION SCENARIOS

Taxi/Passenger
Bus Companies

HMT (Hazardous
Materials
Transportation)

Cargo Delivery
Trucks

Private Car with
teen/mother
drivers

Vehicle Insurance

KEY FEATURES



4CH recording, front/in the
cabin/left/right or back



DMS(Driver Monitor System)



ADAS (Advanced Driving
Assistance System)



OTA upgrade &
Debug



Cloud storage &
management



4G LTE + 3G + 2G
Bluetooth + WIFI



Two-way
communication



Real-time GNSS location,
overspeed alarm



ACC engine
status detection



Built-in
Android 5.1



1080P resolution



Live streaming
video & photo



SOS Button



RS232 supported, data
transmission, card reader(optional)

Green energy vehicles for transportation and operation is a key trend in saving the earth. While of them come with compact size, wide-range power supply, sensitive power balance and battery lifespan, and so on.

- ✓ Affordable 2G/4G network supported GPS tracker, accurate location with low data cost per month
- ✓ Applicable for all vehicles with power output range from 9V to 90V, from one-wheeler unicycle to 20+ wheelers
- ✓ Compact size with built-in battery



Battery-powered Vehicle GPS Tracker
Model: LCV05



Motorcycle GPS Tracker
Model: LCV06



4G Vehicle GPS Tracker
Model: LCV07

KEY FEATURES

- | | |
|--|---------------------------|
| ① 9~90V power input | ⑤ Waterproof |
| ② ACC detection | ⑥ Compact size |
| ③ External battery voltage detection | ⑦ Anti-theft alarms |
| ④ Internal battery and low battery alarm | ⑧ Accurate GNSS locations |

APPLICATION SCENARIOS

Electric/Gasoline
Motorcycle

Various Batteries

Electric Shuffle
Buses


4+ Wheelers
Vehicles

 4G CAT 1 + 2G
 Geo-Fences
 IP67 waterproof

4G Vehicle GPS Tracker

Model: LCV08

 Bluetooth 5.0/BLE

 2 inputs, 1 output

 High precision GNSS antenna

 100mAh battery backup

 Multiple alarms

 Driver behavior detection & warning

 9~90V input

4G Vehicle GPS Tracker
 Model: LCV08

KEY FEATURES

- ① 9~90V power input
- ② ACC detection
- ③ External battery voltage detection
- ④ Internal battery and low battery alarm
- ⑤ Waterproof
- ⑥ Compact size
- ⑦ Anti-theft alarms
- ⑧ Accurate GNSS locations

APPLICATION SCENARIOS

Electric/Gasoline Motorcycle

Various Batteries

Electric Shuffle Buses

4+ Wheelers Vehicles

ACCESSORIES



BLE Tag



Temperature & Humidity sensor



Waterproof Fuel Sensor



12V /24V relay

KEY FEATURES

- | | |
|---------------------------------------|------------------------------------|
| ① 4G LTE +3G + 2G communications | ⑤ Waterproof IP65 |
| ② 5 Modes, smart power saving | ⑥ Magnetic, no installation needed |
| ③ 5Ah rechargeable li-polymer battery | ⑦ Anti-tamper alert |
| ④ Bluetooth 5.0(Optional) | ⑧ GNSS+Wifi location |

APPLICATION SCENARIOS

Outdoor Operation
Machines

Asset Pallets

Renting
/Mortgage CarsOutdoor Static
Stations

- ✓ Best network communication no matter where it is
- ✓ Powerful magnetic avoiding installation labor cost
- ✓ Ultra-long working duration, up to 3 years if one location per day



4G Magnetic Asset GPS Tracker
Model: LCA04

4G Asset GPS Tracker

Model: LCA12



- ✓ 5400mah Replaceable non-rechargeable battery
- ✓ Waterproof fixing case
- ✓ Magnetic, no installation needed(Optional)
- ✓ Anti-tamper alert

KEY FEATURES

- | | |
|---|---|
| ① 5 working modes for power saving | ⑤ Magnetic mounting supported |
| ② Easily replace the battery if used up | ⑥ Ultra-long standby time up to 4 years |
| ③ LTE connection supported | ⑦ Lower battery alarm |
| ④ Waterproof casing up to IP68 | ⑧ OTA supported |

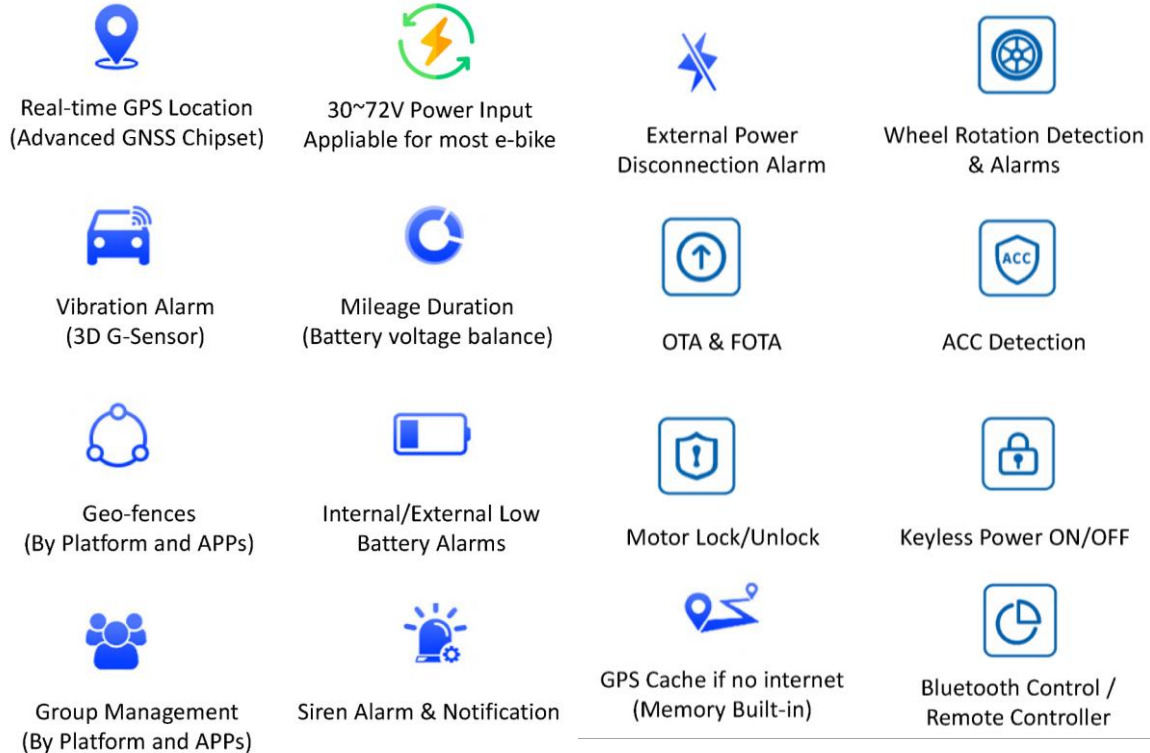
APPLICATION SCENARIOS

Trailers

Containers

Cargo

Rental vehicles



Smart E-Bike GPS Tracker

Model: LCE13

KEY FEATURES

- ① 30~72V power input
- ② ACC detection
- ③ External battery voltage detection
- ④ Waterproof IP65
- ⑤ Keyless power on/off
- ⑥ Anti-theft alarms with buzzer built-in
- ⑦ Bluetooth control
- ⑧ Motor lock/unlock
- ⑨ Remote Controller 433M



APPLICATION SCENARIOS

Consuming E-bike
Manufacturing

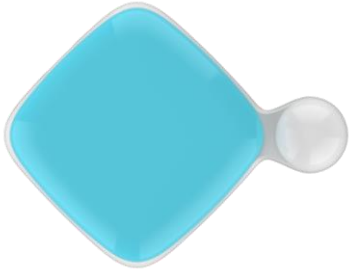
Sharing E-bike

Renting E-bike

Delivery-usage
E-bike

3D Anti-Tamper Portable GPS Tracker

Model: LCP01



- ✓ Better performance than Smart Watch in locating and hidden wearing.
- ✓ Suitable for multiple tracking demands, indoor & outdoor, countryside & urban area

KEY FEATURES

- | | |
|--------------------------------------|--------------------------------|
| ① AI Floor location | ⑤ Light weight |
| ② AI transportation mode recognition | ⑥ Tiny size |
| ③ Bluetooth 5.0 Waterproof | ⑦ 10 location technology |
| ④ Anti-tamper | ⑧ Tracking mode auto switching |

APPLICATION SCENARIOS

Seniors / Special-needs person

Teenagers / School Kids

Assets in Transportation

Pets/Animals

KEY FEATURES

- | | |
|---------------------------|---|
| ① 4G LTE CAT 1 network | ⑤ Voice report on time and power balance |
| ② Two-way communication | ⑥ Built-in 1200mAh battery for 7 days |
| ③ SOS emergency button | ⑦ Ultra-thin ID card design, easy wearing |
| ④ 3 preset family numbers | ⑧ GPS+Beidou+LBS+AGPS locations |

APPLICATION SCENARIOS

Senior/Social Workers

School kids

Solo travelers / explorers

Outdoor workers

- ✓ Kids' phone but no screen, away from video games addiction
- ✓ 1200mAh battery lasting for 7 days
- ✓ Type C charging interface, avoiding troubles or mistakes
- ✓ 10 Family numbers and whitelist preset making sure no SIM balance wasted



4G ID Card Portable GPS Tracker

Model: LCP10

**Alarm linkage**

Manager can specify one or more types of alarms to be generated in the PC client, the alarm notifications will be highlighted in red.

**Images snapshot****3G / 4G video surveillance**

Real-time remote audio and video monitoring supported.

**GPS positioning**

GPS position information includes time, mileage, speed, driver, location, alarm conditions, vehicle status, and so on

**Track query****Remote video playback**

Manager can remotely search for video files on the device terminal and the server.



PC Client



App



Web

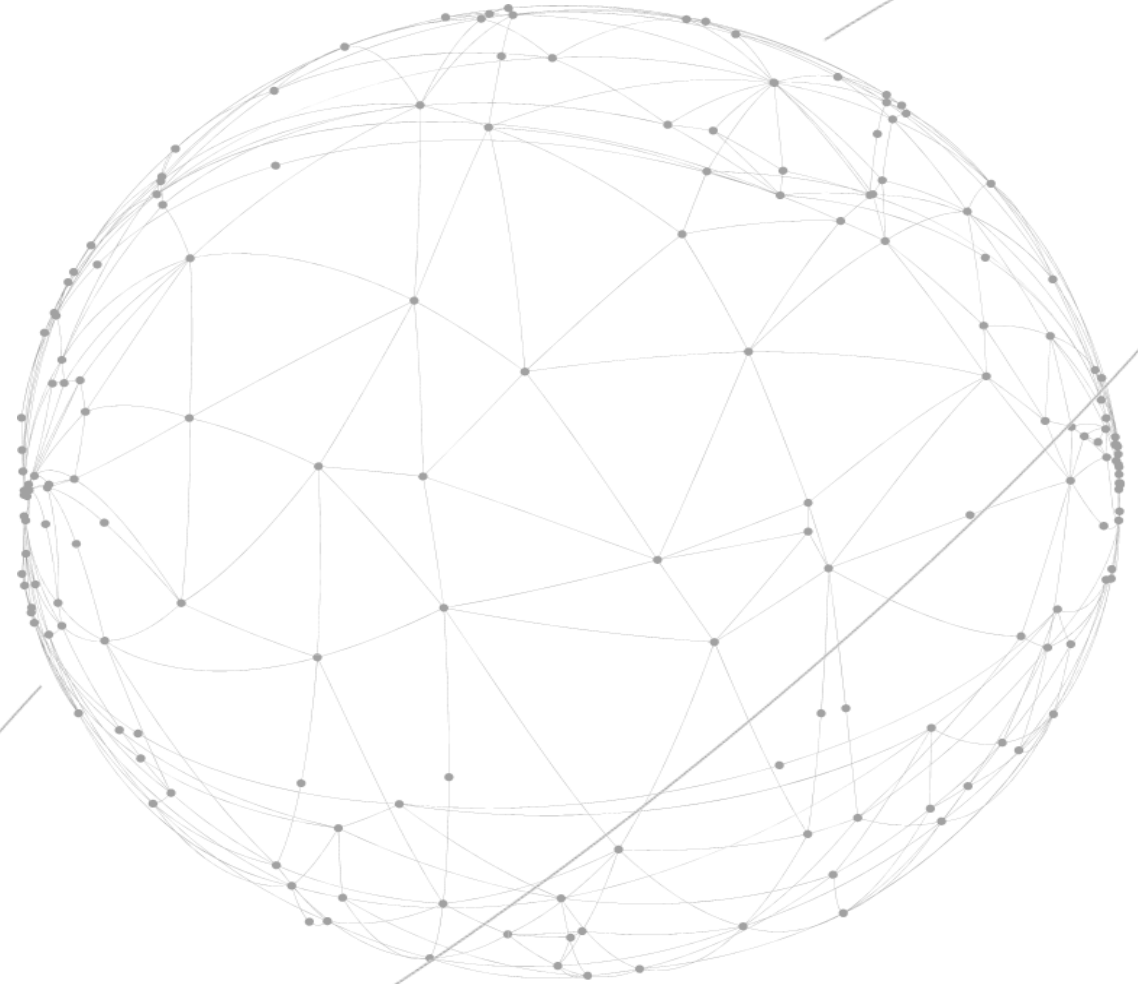
Supported models:

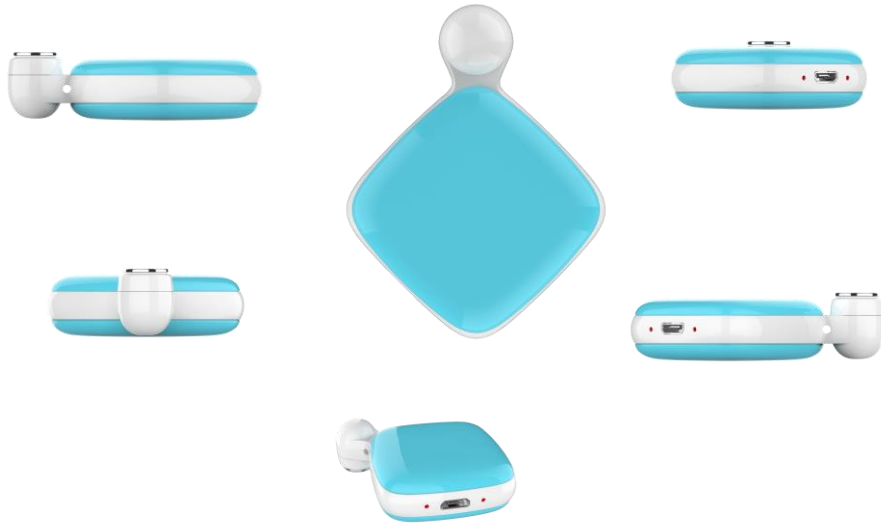
LCD02, LCD03, LCA04, LCV05, LCV06, LCV07, LCV08, LCD09

And other GPS trackers and Dashcam, MDVRs.

Top 5 advantages of the IoT solutions:

- ✓ Cost reduction
- ✓ Improving efficiency and productivity
- ✓ Creating more business opportunities
- ✓ Optimizing customer experience
- ✓ Mobility and agility





GPS Tracking Solution for Dementia Patients

According to NBCI, worldwide around 50 million people live with dementia, and this number is projected to increase to 152 million by 2050, rising particularly in low-income and middle-income countries (LMIC) where around two-thirds of people with dementia live. Dementia affects individuals, their families, and the economy, with global costs estimated at about US\$1 trillion annually. Lotim Cloud develops LCP01 tracking device for elderly with dementia as market demands.

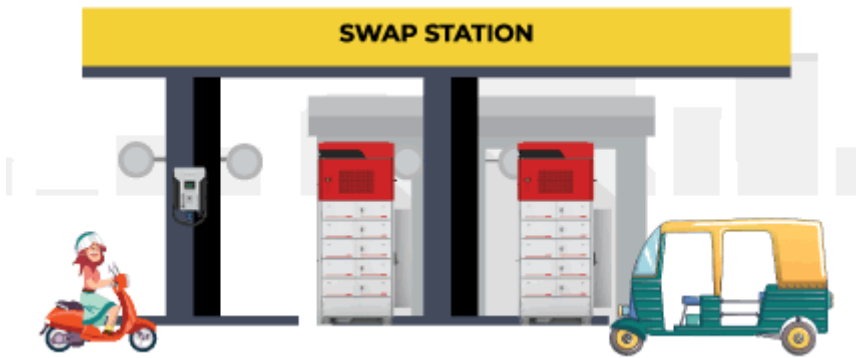
The global electric scooters market size was estimated at USD 19.4 billion in 2020 and is expected to expand at a compound annual growth rate (CAGR) of 7.6% from 2021 to 2028.

High mechanical efficiency, easy integration of regenerative braking, low noise levels, and moderately economical maintenance costs are the factors supporting the market growth.

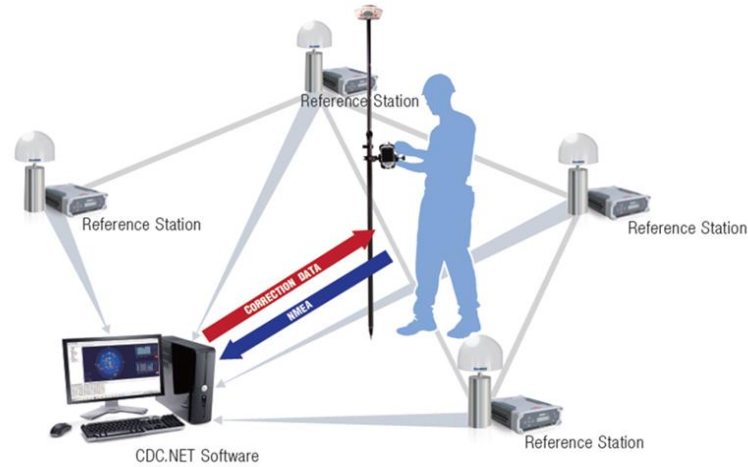




Driven by the growth of consumer spending and the rapid development of digital e-commerce, as the most important means of goods circulation, the scale of the road freight industry has risen rapidly all over the world in the past 10 years. According to the Research and Market, the global heavy trucks market is expected to grow from \$201.52 billion in 2020 to \$221.85 billion in 2021 at a compound annual growth rate (CAGR) of 10.1%.



Battery swapping for two-wheelers' vehicles



Geological hazard detection

ABOUT LOTIM CLOUD

The IoT world keeps changing quickly with opportunities and challenges. Lotim Cloud started its business as an IoT GPS tracking solutions provider and pursue to be the best one internationally.

Its founder is a key person in the Chinese GPS tracking device industry, innovating more than 50 GPS tracking models for various applications including but not limited to vehicle, asset, personal, and animal usages. Most of them are popular in both domestic and overseas markets, leading to the trends of GPS tracking hardware.

Lotim Cloud has its main markets in APAC, EU, and AMERICA area, its devices had been trusted by thousands of clients all over the world as reliable and useful gadgets.

Lotim Cloud had been granted to 7 patents, Guangzhou High-Tech Company, and so on.

OUR CORE VALUE

INNOVATIVE

MARKET-
CENTRIC

RELIABLE



Factory View:

Its factory is in Huizhou City, nearby Guangzhou. Occupying 40000 square meter, certificated with ISO9001, ISO14001, ISO45001.

SMT Line

- Daily PCBA production capacity up to 30000pcs

ASSEMBLE LINE

- Daily assemble capacity reaches to 10000pcs

TESTING PLANT

- Fully tested all devices, aging 24 hours

PACKING PLANT

- Various packing demands supported.



SMT



Testing Plant



Assemble line



Completed goods packing line



X-ray Printer



Glue Printer



High-speed Printer



AOI



X-RAYQC



Audio Test



RF Test



IMEI Writer



Sticker Robot



Laminator



Auto Weighting Machine



Auto Sealing Machine





THANK YOU



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