

AOVX

Aim Of Valuables

Aim Of Valuables

PROTECT YOUR VALUABLE ASSETS!

Aovx assets tracker solutions is committed to protecting the assets in warehouse and in-Transit process , rather than location service , assets condition is also under monitored - vibration, shock , temperature logger comply with NIST compliance, embedded with multiple sensors and wireless technology , 4G LTE , NB-IOT and Cat.M1 , WIFI and BLE .

Know where your valuable shipments are, what condition they are in and take real time action to reduce the risk of shipments .



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01 COMPANY





Company Introduction

AOVX assets tracker solutions corp. is committed to protecting the assets in warehouse and in-Transit process , rather than location service , assets condition is also under monitored - vibration status , temperature alert embedded with multiple sensors and wireless technology , 4G LTE , NB-IOT and Cat.M1 , WIFI and BLE .

Founded in 2019 . Team has 12 years knowledge of cellular modules ,worldwide network and regulatory in tracker field .

With rapid growth in worldwide, Aovx has established branches in Spain and Argentina to provide local support and closely service . Supported by "service consciousness, customer experience, executive action " business philosophy, continue to provide customers with stable and reliable product and technology sales services, grow together with customers success.

Reliable

Professional

Global

AOVX

Global Service

AOVX™



SPAIN

Avinguda Diagonal, 54, ENT 3a.
08019, Barcelona, Spain



CHINA

Room 501, Floor 5, ZhongAn
Valley, 900 WangJiangXi Road,
High-tech Zone, Hefei, Anhui
China, 230088



ARGENTINA

Pte. Perón 8725 Torre 3 Of. 23
(B1715EKE) - Parque Leloir
Buenos Aires - Argentina

2023-24

2022-23

- Temperature sensor tracker device GL100、GM100 released for US foods market
- First 100K devices shipped
- Expand RD resources
- CE FCC Anatel Airlines Certificates



2019-22

- Founded in Hefei China ; Started with ODM service for Car insurance Company
- Vehicle tracking VG300 mass production for insurance company



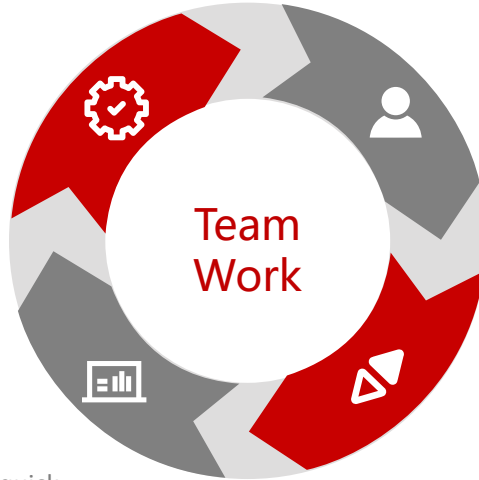
- Extend product roadmap to 4 series “GAVE”
- Coperate with US cold chain lead companies to explore more bussiness
- Expanded the office
- Shipped 300K+ devices
- Recognized as “China High-tech Enterprise”

01 R&D

Strong knowledge of asset management solution ,
global network regulatory and tracker design .
Manufactures in China and Malaysia .

03 FAE

Sufficient technical support resource regarding the quick
start guide and professional technical support to be fast
setup .



02 QA

Strict QA process in R&D and manufactures. Traceability
always throughout the procedures from product
development to manufacture and delivery .

04 CPM

CPM customer project manager is in response to customer
project progress to ensure the delivery . In charge of
quality control process and delivery management

Product Selection

Evaluate customers' requirement to have right product selection.

Delivery

Flexible production , pilot production and mass production.

Certification

Knowledge of wireless certification process and global network regulatory .

Product Design

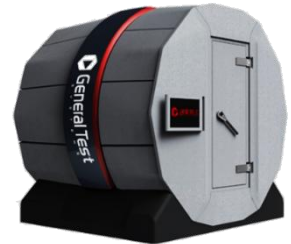
Evaluate and customized design and development to meet the application . Chipset and module level development regarding firmware and hardware .

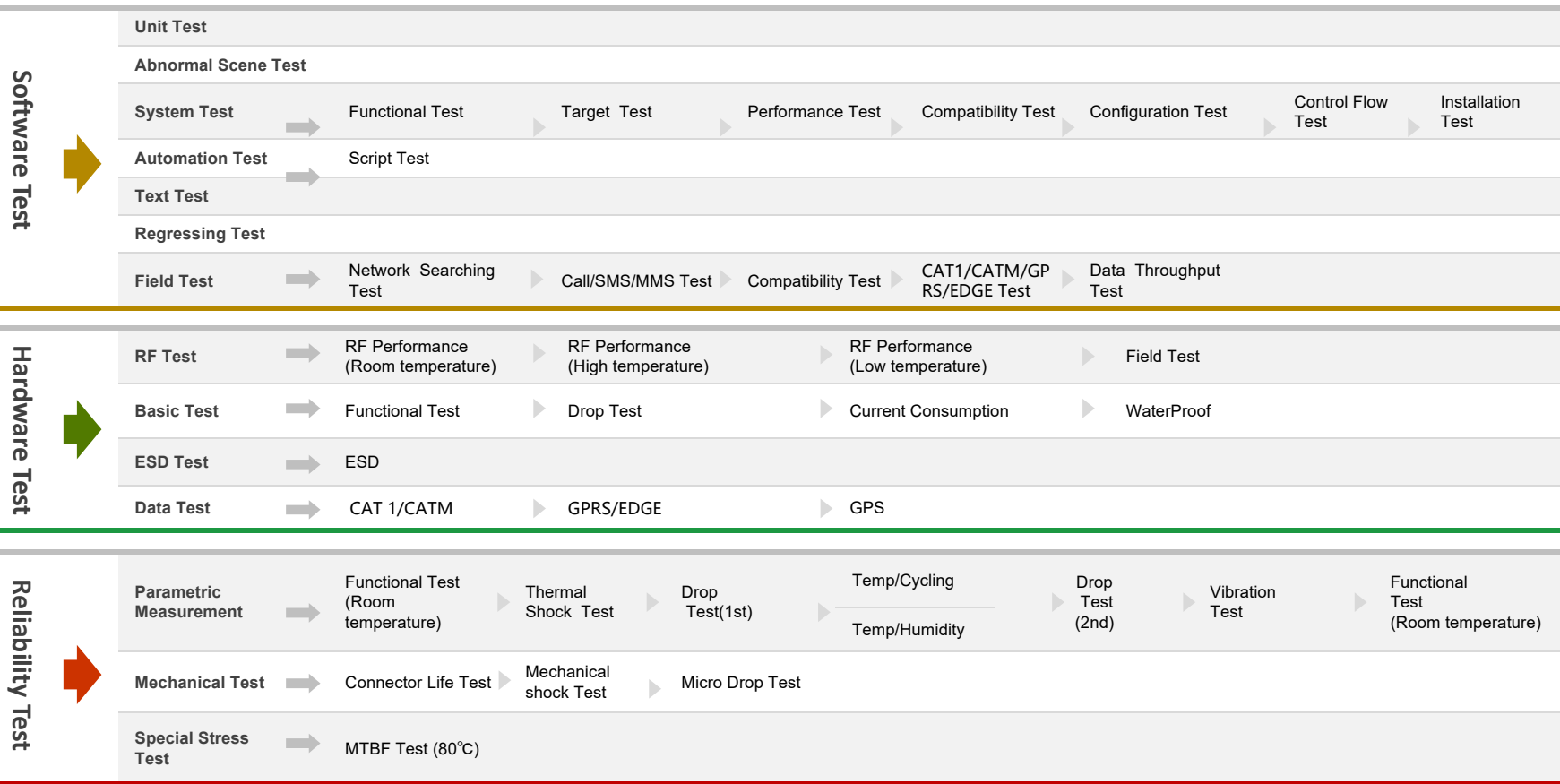
Technical Support

Quick setup and technical support during the concept phase to mass production and after sales service .

Test

Temperature chamber Test
Power consumption
RF chamber test
Aging test.



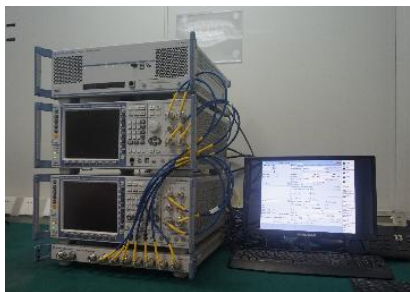


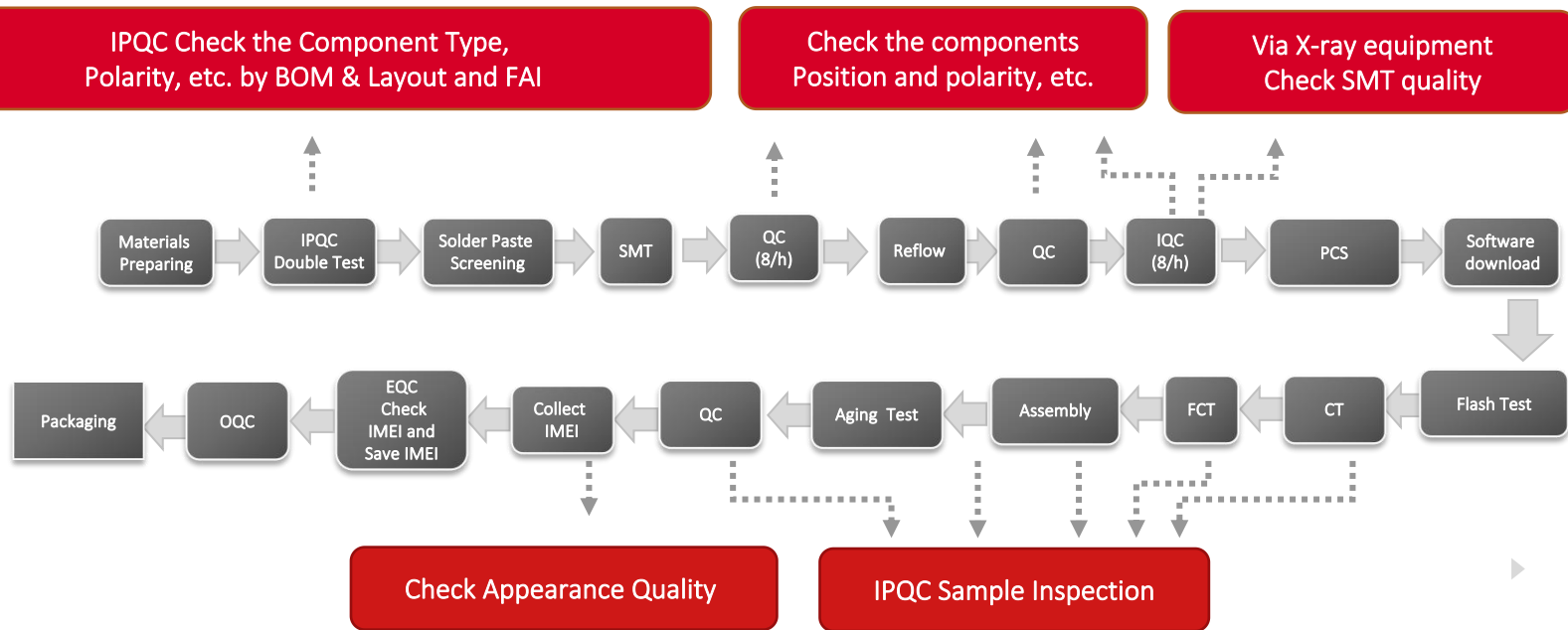
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Laboratory Environment



Every unit must be tested





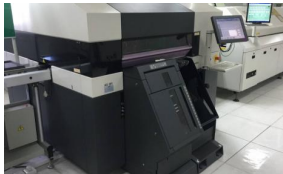
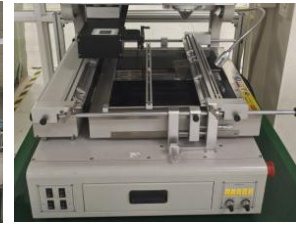
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Factory Environment



***The factory has passed the 16949 ISO9001:2000 quality system certification;**

***The product has passed CE, FCC, 3C certification and ROHS standard.**



02 CULTURE





AOVX

Company Values

TOP Tracker Solutions Provider



Reliable Assets Guard



Customer Success

AOVX

Office Environment

AOVX located in an innovative city Hefei where full with technology atmosphere , Tencent ,MI company , Zoom and Quectel office around here .

More than 70% are engineering teams in Aovx , focus and committing to RD development . Full support from RD , CPM ,Test and FAE ,production engineers .

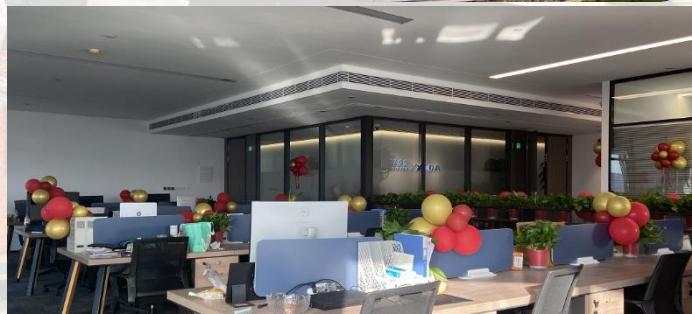
Pictures on the right is the day Aovxers move to new office to expand RD resources .



Innovation

Focus

Service

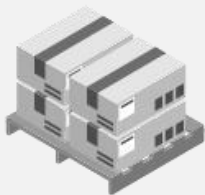


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- 高新技术企业证书
- 证书编号: GR202136000022
- 发证日期: 2021年10月14日
- 企业名称: 山东燕山石化股份有限公司
- 证书编号: GR202136000022
- 发证日期: 2021年10月14日
- 企业名称: 山东燕山石化股份有限公司





03 PRODUCT



G Series Goods Tracking

Temperature Humidity
NIST Traceability
Indoor Positioning

GOODS



A Series Assets Tracking

Magnet install-free
7 years battery life
IP68 Rugged

ASSETS



V Series Vehicle Tracking

Remote control
Multiple GPIOs
ACC Detect

VEHICLES



E Series Environment Monitoring

Temperature Humidity
Compact size
BLE

ENVIRONMENT



Goods Tracker

- Real Time Insight into Shipment on Road , Air and Sea
- NIST Traceability And Calibrated High Accuracy Temperature Sensor
- External PT100 Probe
- Non-lithium battery (no IATA dangerous goods declaration)



Assets Tracker

- 7 Years Battery Life
- IP68 Rugged
- Magnet Install-Free
- Global Connectivity
- ATEX Certified



Vehicle Tracker

- Vehicle Status (Ignition ON/OFF , TOW , Idle)
- Driver ID and Behavior
- Data Telematics from Wired and BlueTooth Sensors
- LoRa Transmit as BackUp
- Dual-Band (L1&L5)High Precesion GNSS



Environmental

- BLE Sensor (Temperature and Motion)
- Data Logger / Beacon Mode
- 3 Years Battery Life
- Paring To G A V Series Via BLE

G SERIES

We track and protect your valuable assets !



Contact Us



GL100

NETWORK

Global 4G with 2G fallback wider coverage and lower latency . Reuse .

BANDS

4G: B1 B2 B3 B4 B5 B7 B8 B12 B13 B20
B28 B39 B40
2G: B2 B3 B5 B8

BATTERY TYPE BATTERY LIFE

2500mAh Li-Ion

30 Days @ Every 15 min GNSS ON
45 Days @ Every 15 min Cell ID and
WIFI

DIMENSION

121mm × 61mm ×
8mm

CERTIFICATION

CE FCC

GM100

Global CatM1 with 2G fallback
wider coverage

CatM1 :B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B
25
/B26*/B27/B28/B66/B71/B85
2G: 850/900/1800/1900MHz

2500mAh Li-Ion

30 Days @ Every 15 min GNSS ON
45 Days @ Every 15 min Cell ID and
WIFI

121mm × 61mm × 8mm

CE FCC DOS -160G

GLOBAL CONNECTIVITY
Global network
supported

MULTIPLE POSITIONING
CELL ID WIFI SCAN and
GNSS

BLUETOOTH EXTENSION
PAIR with up to 100
Bluetooth sensors

BATTERY TYPES
Rechargeable LI-Ion

MULTIPLE SENSORS
Temperature , Humidity ,
light , motion

ULTRA THIN
8mm Thickness

GOODS TRACKER SOLUTIONS

We Track and Protect Your Valuable Assets

G SERIES

We track and protect your valuable assets !



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GL600

GL610

NETWORK

Global 4G with 2G

Global 4G ONLY

Operation Temperature

-30°C to 70°C

-20°C to 60°C

BATTERY TYPE BATTERY LIFE

2000mAh NI-MH

20 Days @ Every 15 min GNSS ON
30 Days @ Every 15 min Cell ID and
WIFI

3400mAh AA Alkaline

60 Days @ Every 15 min GNSS ON
90 Days @ Every 15 min Cell ID and
WIFI

DIMENSION

110mm × 65mm × 23mm

110mm × 65mm × 23mm

CERTIFICATI ON

CE* FCC*

CE* FCC*

GLOBAL CONNECTIVITY
Global network
supported

MULTIPLE POSITIONING
CELL ID WIFI SCAN and
GNSS

BLUETOOTH EXTENSION
PAIR with up to 100
Bluetooth sensors

BATTERY TYPES
Non-Li Alkaline and NI-MH
Replaceable

MULTIPLE SENSORS
Temperature , Humidity ,
light , motion, Air Pressure

Temperature Spec
NIST Traceability
High Accuracy
External Probe Option

GOODS TRACKER SOLUTIONS

We Track and Protect Your Valuable Assets

A SERIES

We track and protect your valuable assets !



Contact Us



AL300

NETWORK

Global 4G with 2G fallback wider coverage and lower latency .

BANDS

4G: B1 B2 B3 B4 B5 B7 B8 B12 B13 B20 B28
B39 B40
2G: B2 B3 B5 B8

BATTERY TYPE BATTERY LIFE

7000+ mAh Li-SOCl₂

5 Years @ 1 ping per day

DIMENSION

138mm × 72mm × 22mm

CERTIFICATION

CE FCC ATEX

AM300

Global CatM1 with 2G fallback wider coverage

CatM1 :B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/
B20/B25
/B26*/B27/B28/B66/B71/B85
GSM: 850/900/1800/1900MHz

7000+ mAh Li-SOCl₂

5 years @ 1 ping per day

138mm × 72mm × 22mm

GLOBAL CONNECTIVITY
Global network supported

MULTIPLE POSITIONING
CELL ID WIFI SCAN and GNSS

BLUETOOTH EXTENSION
PAIR with up to 100 Bluetooth sensors

BATTERY TYPES
Non-chargeable Battery

MULTIPLE SENSORS
light , motion

ROBUST
IP68

ASSETS TRACKER SOLUTIONS

We Track and Protect Your Valuable Assets

V SERIES

We track and protect your valuable assets !

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GLOBAL CONNECTIVITY
Global network supported
2G ,4G and CatM1

MULTIPLE POSITIONING
CELL ID WIFI SCAN and GNSS

BLUETOOTH EXTENSION
PAIR with external BLE Sensors (Panic Button , Door Sensor)

DATA MEMORY
30,000 Message

MULTIPLE INTERFACES
TX RX 1 WIRE DI DO

HIGH GAIN ANTENNA

VL300

NETWORK

Global 4G with 2G.

BANDS

4G: B1 B2 B3 B4 B5 B7 B8 B20 B28
B66
2G: B2 B3 B5 B8

POWER SUPPLY

9V-90V

SLEEP

< 0.5 mA

DIMENSION

82mm x 40mm x 18mm

INTERFACE

VCC GND IGN RELAY DI DO
TX RX RS232

VM300

Global CatM1 with 2G

CatM1 :B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/
B20/B25
/B26*/B27/B28/B66/B71/B85
GSM: 850/900/1800/1900MHz

9V-90V

< 0.5 mA

82mm x 40mm x 18mm

VCC GND IGN RELAY DI DO
TX RX RS232

VG300

2G GSM

GSM: 850/900/1800/1900MHz

9V-30V

<3mA

82mm x 40mm x 18mm

VCC GND IGN RELAY

VEHICLE TRACKER SOLUTIONS

We Track and Protect Your Valuable Assets

V SERIES

We track and protect your valuable assets !



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GLOBAL CONNECTIVITY

Global network supported
2G, 4G and CatM1

MULTIPLE POSITIONING
CELL ID WIFI SCAN and GNSS

BLUETOOTH EXTENSION

PAIR with external BLE Sensors (Panic Button, Door Sensor)

DATA MEMORY
30,000 Message

MULTIPLE INTERFACES

TX RX 1 WIRE DI DO

Dual Bands L1&L5 GNSS

LoRa BackUp

VL350

NETWORK

LTE Cat.1 4G with 2G.

BANDS

4G: B1 B2 B3 B4 B5 B7 B8 B20 B28
B66
2G: B2 B3 B5 B8

POWER SUPPLY

9V-90V

SLEEP

< 1 mA

DIMENSION

67mm x 60mm x 21mm

HIGH-LIGHTS

LoRa as BackUp transmit

VL360*

LTE 4G Cat1 with 2G

CatM1 :B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25
/B26*/B27/B28/B66/B71/B85
GSM: 850/900/1800/1900MHz

9V-90V

< 1 mA

67mm x 60mm x 21mm

LoRa as BackUp transmit
High Accuracy Dual Bands GNSS . <1 meter
Compatible with FMC130*

VEHICLE TRACKER SOLUTIONS

We Track and Protect Your Valuable Assets

E SERIES

We track and protect your valuable assets !



Contact Us



EH4

EM2

NETWORK

BLE 5.0.

BLE 5.0

SCENARIOS

Temperature Logger

Motion / Door Sensor

BATTERY LIFE RANGE

3 Years

3 Years

-30°C / +80°C

-20°C / +60°C

DIMENSION

82mm x 40mm x
18mm

70mm x 46mm x 21mm

SENSORS

Temperature Humidity

Accelerometer Hall

GLOBAL CERTIFICATION
FCC/CE/RoHS/REACH/

LONG BATTERY LIFE

BLUETOOTH EXTENSION
PAIR with G A V series tracker
devices

DATA MEMORY

MULTIPLE SENSORS
Temperature Humidity Motion
Hall

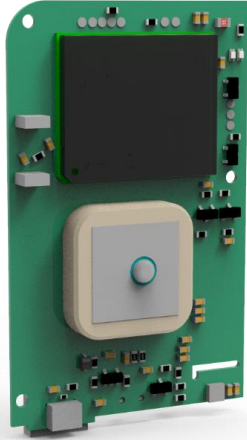
BLE SENSORS

We Track and Protect Your Valuable Assets

SDK VERSION

We track and protect your valuable assets !

Contact Us



HARDWARE
DESIGN

FIRMWARE SDK

MANUFACTURE

NETWORK

Global network , 2G 3G 4G NB-IoT and CatM1

SCENARIOS

Assets , Personal and Vehicle

POSITIONING

GNSS LBS WIFI and
BLE

SENSORS

Motion , Temperature , Humidity , Ambient light , pressure

INTERFACE

DI DO AI CAN RS232 485

CERTIFICATION

BUILD YOUR OWN TRACKER

We Track and Protect Your Valuable Assets

04 APPLICATION





On-board Transportation

- Vehicle tracking
- Cargo Tracking
- Ship tracking
- Fleet management



Cold Chain Transportation

- Fresh
- medicine
- Community delivery
- Cold storage monitoring



Smart Agriculture

- Food traceability
- Farmland monitoring
- Agricultural Machinery Management
- Wildlife protection



Smart Warehouse

- Flooding alarm
- Intrusion detector
- Motion sensor
- Asset security



Smart City

- Advertising board monitoring
- Trash can remote monitoring
- Manhole cover monitoring
- Shop recruitment monitoring



Smart Warehouse

- Personal tracking
- Pet tracking
- wearable
- Elderly monitoring



Smart Industry

- Light monitoring
- Pipeline monitoring
- Water valve/pump control
- Indoor temperature humidity monitoring



Lease Sharing

- Equipment Leasing
- Shared bicycle
- Car rental
- Machine leasing



Auto Finance

- Finance lease
- Mortgage
- P2P car loan company
- New automotive retail platform

Thank You