

PRODUCT CATALOG 2023

(General)

All over the world our local teams collaborate with customers and partners to ensure our IoT products are designed with their future needs in mind. In each case, we advise them on the best smart solution to make the most of their business opportunities. Sometimes these solutions are unique and custom designed, other times, our standard mobility, transportation, network, and agriculture solutions can easily be adapted to fit their needs. With quality at the heart of our product development, our smart solutions empower our customers and partners to reimagine how their business operates.

COMPETITIVENESS

INTERNATIONAL

Our professionals have both local market knowledge and international experience. We've proudly helped more than 3,800 customers in over 140 countries develop and enhance their IoT solutions.

INNOVATIVE

Through technological innovation, we make IoT a reality. Our experienced team is driven to discover new opportunities for IoT technologies. Over the past 10 years, we have launched over 200 new products with different IoT applications.

QUALITY

Quality is at the heart of our product development. In order to guarantee our high-quality standards are achieved, we've implemented quality control procedures that are stricter than general industry requirements.

SERVICES

Our customer relationships are built on trust. From detailed presale technical consulting to providing timely after-sales support, we are there for our customers, for when they succeed, so do we.





SOLUTIONS



TRANSPORTATION

With our telematics products, we provide remote tracking, monitoring and locating of vehicles and drivers. These products help enhance the safety and efficiency of fleet management, reduce losses due to stolen assets, and provide solid foundations for risk assessment and management.

Applications:

Fleet Management / Stolen Vehicle / Insurance Telematics / On-Board Diagnostics / Motorcycle / Video Telematics



ASSET & MOBILITY

Our mobility solutions help customers remotely monitor coveted assets. Whether they're people or objects, the solutions are similar in their abilities, that is, to offer remote asset monitoring which improves efficiencies, minimizes downtime, reduces maintenance costs, protects against financial risk; and ultimately, improves service abilities.

Applications:

Personal Security / Asset Tracking / Asset Security (Ultra-long Standby Time) / Scooter



NETWORKS

With advanced security capabilities, our network products are ideal tools to build and extend accessible, reliable and safe connections. These products are equipped with diverse interfaces and functionality, to fully meet the demands required in different market sectors.

Applications:

On-Board Diagnostics / Router



CUSTOMIZATION

For customers with entirely unique requests, we play the role of a strategic advisor to develop original IoT project proposals for them. With an analytical mindset, our customized solutions are designed to achieve a balance between business and technological priorities.

Applications:

Cold Chain / Insurance Telematics/ Scooter & Bike

TRANSPORTATION

- 14 million+ telematics products delivered worldwide
- 60+ unique products available
- Solutions for all forms of transportation



FEATURED PRODUCTS

GV300 Series

Advanced Vehicle Tracker



Applications: Fleet Management / Cold Chain / Transportation Monitoring

- Best-seller: a large number of successful GV300 deployments worldwide
- Multiple interfaces, including a RS232 serial port, as well as digital and analog I/O
- Supports various accessories, such as CAN adapter as well as temperature and humidity sensors
- LTE Cat 1 | LTE Cat 4 | UMTS/ WCDMA/HSPA | EGPRS /GSM

GV600 Series

LTE Rechargeable Ruggedized Trailer Tracker



Applications: Trailer Tracking / Flatbed Truck Tracking / Tanker Tracking

- Ruggedized and waterproof case that is IP67 compliant and designed for use in harsh environments
 - Internal large battery pack with 120-day standby time, supports dual external power sources
- Supports BLE temperature and humidity sensor, BLE key fob and BLE padlock
- LTE Cat M1/NB1 | UMTS/HSPA | **EGPRS**

GV57 SERIES

Compact Waterproof Vehicle Tracker



Applications: Stolen Vehicle Recovery / Automobile Finance / Motorcycle Monitoring

- Waterproof, IP67
- Simple five-wire installation using inline connector
- Digital I/O for ignition detection, panic button etc.
- Supports wide voltage
- Supports BLE* (Optional version)
- LTE Cat M1/NB2 | EGPRS

GV350 SERIES

LTE Advanced Vehicle Tracker



- Built-in CANBus and J1708 Bus for reading advanced vehicle data
- Multiple I/Os support diverse accessories such as temperature and fuel monitoring sensors
- Supports BLE
- LTE Cat 1 | LTE Cat M1/NB1 | EGPRS

Applications: Fleet Management / Cold Chain / Transportation Monitoring

FEATURED PRODUCTS

GV50 Series

LTE Compact Vehicle Tracker



Applications:

Car Leasing / Stolen Vehicle Recovery / Automobile Finance

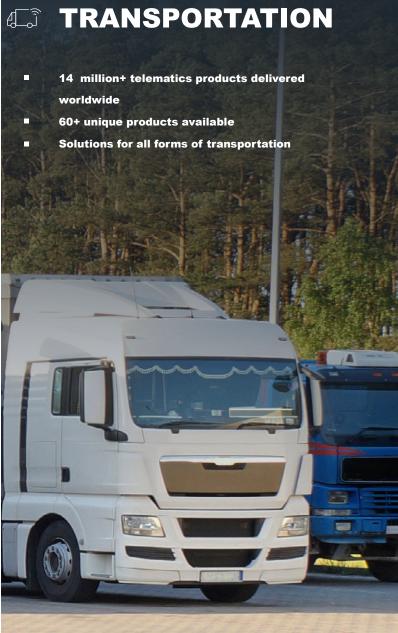
GB100 SERIES



Applications:

Stolen Vehicle

GV500 SERIES Plug-in Vehicle Tracker with OBDII Support ■ Plug and play, reliably reads ISO Compact size for convert CAN Bus data installation Ideal for a wide range of vehicle Supports BLE Optimal GNSS performance enabled tracking applications by two orthogonal GNSS antennas ■ Easy installation using an in-line Supports Wi-Fi sharing connector ■ LTE Cat 1/M1/NB2 | EGPRS/GSM ■ LTE Cat M1/NB1 | EGPRS Applications: Car Leasing / Insurance Telematics / Lot Management LTE Battery-Mounted Vehicle Tracker with Built-in BLE ■ GB100 series products are successfully deployed in large insurance telematics projects worldwide Safe installation in under five minutes Waterproof, compliant to IP67 Internal 6-axis accelerometer that supports driver behavior monitoring and crash detection Supports BLE Insurance Telematics / E-Toll ready Automobile Finance / ■ LTE Cat M1/NB2 | EGPRS/GSM



TRANSPORTATION 14 million+ telematics products delivered worldwide 60+ unique products available Solutions for all forms of transportation

FEATURED PRODUCTS

CV100LG

LTE Cat 4 Dual Dash Camera with WiFi Sharing



- Reliable video coverage via front and driver facing camera views
- On-demand and automatic accident footage upload
- Wi-Fi Internet access
 - Full telematics features and support for Queclink protocols
- LTE Cat 4 | HSPA | GSM/GPRS

Applications: Insurance Telematics / Fleet Management / Car Leasing

CV200XEU/XNA (COMING SOON)

Intelligent 4G Dash Camera with Full Featured Telematics



- High-definition Front Camera
- Optional AI feature (DMS / ADAS)
- Wi-Fi AP Mode & Station Mode
- Supports BLE
- Full telematics features
- Second Camera optional:
 Interior camera for cabin view or
 DMS camera for driver safety
- LTE Cat 6 | 3G

Applications:

Automobile Insurance /
Car Leasing /
Ride Sharing & Ride Hailing /
Driver Coaching



FEATURED PRODUCTS

GL300 SERIES

LTE Advanced Real-Time Asset Tracker



Applications:
Asset Tracking /
Lone Worker Safety /
Stolen Vehicle

- GL300 series products are successfully deployed in North America and globally
- Internal battery with 300 hours standby time (when reporting once every 10 minutes)
- Supports accessories such as external battery kit (17600 mAh) and IP67 waterproof magnetic case
- Ideal for personal security as well as asset and vehicle monitoring
- LTE Cat M1/NB2 | UMTS | EGPRS

GL500 SERIES

LTE Waterproof Standby Asset Tracker



- Up to 7-year standby time
- Waterproof, compliant to IP67
- Rapid and flexible installation
- Ideal for asset monitoring and lot management
- LTE Cat M1/NB2 | EGPRS

Applications:
Asset Security / Cold Chain /
Lot Management

GL53MG

LTE Micro Waterproof Standby Asset Tracker



Applications:
Asset Security /
Stolen Vehicle /
Automobile Finance

- Up to 3 years of standby time
- Micro size allowing covert installation
- Waterproof, IP67 compliant
- Combined with one of Queclink vehicle tracker to offer additional protection by built-in BLE
- Ideal for stolen vehicle recovery and asset monitoring
- LTE Cat M1/NB2 | EGPRS

GL502MG

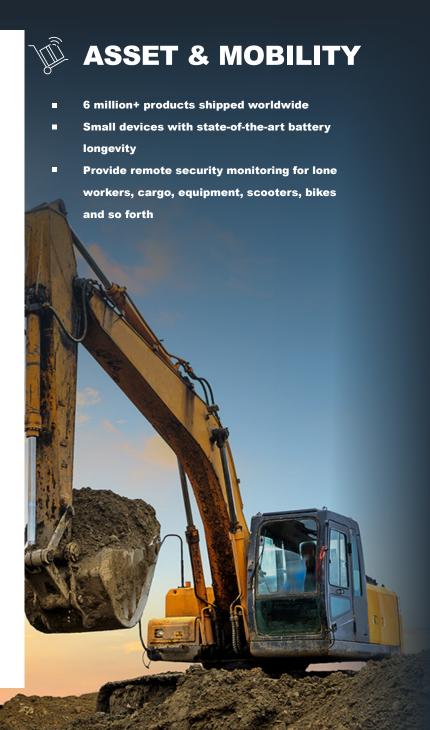
LTE Waterproof Tracker with 10-year Standby Time



Applications:
Asset Security /
Cold Chain /

Lot Management

- Up to 10-year standby time
- Supports wireless charging
- Waterproof, compliant to IP68
- Support BLE
- Supports Wi-Fi positioning
- LTE Cat M1/NB2 | EGPRS



ASSET & MOBILITY

- 6 million+ products shipped worldwide
- Small devices with state-of-the-art battery longevity
- Provide remote security monitoring for lone workers, cargo, equipment, scooters, bikes and so forth

FEATURED PRODUCTS

GT301

Safety Phone for Vulnerable Groups



Applications: Lone Worker Safety / Anti-domestic Violence / Senior Care

- OLED inbound SMS display supporting 6 different languages
- 4 speed dial keys & 20 stored phone numbers
- Superior hands-free calling
- Emergency button for SOS alarm
- Emergency fall alert
- GSM/GPRS

GL52LP

LoRa Micro Standby GNSS Asset Tracker



Applications: Asset Security/ Stolen Vehicle Recovery / Automobile Finance

- Over 4-year standby time
- Micro size allowing covert installation
- Resistant to existing jamming techniques
- IP67 waterproof case (optional)
- Ideal for asset monitoring and stolen vehicle recovery
- LoRa

GL52S

Sigfox Micro Standby GNSS Asset Tracker



- Micro size allowing covert installation
- Resistant to existing jamming techniques

Up to 4-year standby time

- IP67 waterproof case (optional)
- Sigfox tracking device supporting GNSS positioning



Automobile Finance

GL52SP

Sigfox Mini Standby GNSS Asset Tracker



- Up to 4-year standby time
- Mini size ultra-thin design allowing covert installation
- Resistant to existing jamming
- Ideal for asset monitoring and stolen vehicle recovery
- Sigfox tracking device supporting GNSS positioning



FEATURED PRODUCTS

WR100 SERIES

Compact LTE Dual-SIM Industrial Wi-Fi Router



Applications: Industrial automation / Smart City / Transportation and Retail

- LTE CAT 4 with speeds up to 150Mbps
- Reliable Connectivity with Dual SIM
- VPN Secure Connection
- Ethernet Interfaces (1 WAN/LAN,1 LAN)
- One configurable RS232/RS485 Serial
 Port
- Provides secure data channel to IoT solutions and acts as a Wi-Fi/hotspot in outdoor situations
- Telematics features, including GNSS positioning
- LTE Cat 4 | WCDMA | EGPRS

WR201 SERIES

LTE Cat 4 Dual-SIM Industrial Wi-Fi Router



Applications:
Industrial automation /
Smart City /
Transportation and Retail

- LTE CAT 4 with speeds up to 150 Mbps
- Reliable Connectivity with Dual SIM
- VPN Secure Connection
- 2 Ethernet Interfaces (1 WAN, 3 LAN)
- Multiple I/Os, including RS232, RS485 and digital I/O for various use scenarios
- Provides secure data channel to IoT solutions and acts as a Wi-Fi/hotspot in outdoor situations
- Telematics features, including GNSS positioning
- Transportation and Retail LTE Cat 4 | WCDMA | EGPRS

WR300FG

5G Industrial Cellular Router



Applications:
Intelligent Industry /
Edge Computing /
IoV (Internet of Vehicle) /
Smart City/Smart Energy /
Smart Healthcare

- Support 5G SA and NSA network
- 5 Ethernet port (1 x WAN + 4 x LAN)
- Rich interfaces: 1 x 232, 1 x 485
- 2 x SIM, auto switch over
- Support Wi-Fi 6.0 802.11b/g/n/ac/ax
- Support OpenVPN, Ipsec, GRE, PPTP, L2TP, Stunnel for security data transmission
- Support Modbus, MQTT, HTTP and other IOT protocols





SOFTWARE

- Reduce time, effort and cost for device validation, management and integration
- Boost project management efficiency
- Easier integration and testing with reliable tools
- Add value to Queclink hardware usage

mirror mod - modifie

- # set mirror object to mirror mod.mirror ob

FEATURED PRODUCTS





QMS

A secure, remote update and management system for your Queclink devices



- Task and device status in dashboard
- Full access control and audit trail
- Managed firmware upgrade with reporting
- Mass device configuration update
- Customer hosted solution

QPAK

A service tool designed for simplifying the integration of your Queclink devices



- Protocol validation
- Protocol data parsing into standard name value pairs



© CUSTOMIZATION

- Designed over 200 customized products
- Collaborative development focused on delivering valuable IoT products to market
- Rapid creation of new products based on standard platforms and frameworks

COLLABORATION

Develop original IoT project proposals unique to each customer's specific needs.

DESIGN

With our platform, we have a wealth of resources to utilize when we begin a new custom project.

MANUFACTURE

Our manufacturing resources turn design ideas into full-service quality assured solutions that support unique customer configurations.

SUPPORT

We quickly respond to our customer's feedback and provide timely after-sales support and improvements.

OUR ACCESSORIES

CAN ADAPTER

CAN100

CAN100 supports multiple vehicle models and automatically matches with the selected vehicle.



EXTERNAL BATTERY KIT

EBK

- Works with GL300 series to ensure real-time monitoring in long-distance transportation.
- Rechargeable battery capacity of 17600 mAh
- Includes control unit for power saving and motion detection
- IP67 waterproof



FUEL SENSOR

UFS300

The UFS300 is a non-invasive tool that does not require contact with the fuel and does not do any damage to the fuel tank.



MAGNETIC WATERPROOF CASE

GL-HM3G-V3

WKF300 is a BLE beacon designed as a key fob. It can be used for driver ID identification and as a panic button.



1-WIRE KIT

1-WIRE KIT

- AC100: RS232 to 1-wire conversion
- 1-wire temperature sensor
- iButton Kit



CONTACTLESS READER

ACL120

Allow contactless data reading from CANBus devices without having to cut or solder any cables.



RFID READER

DR200

- Supports various MIFARE transponders
- Built-in buzzer



WIRELESS CHARGER KIT

GL521MG WIRELESS CHARGER KIT

The wireless charging kit enables wireless charging of compatible products such as GL521MG







OUR ACCESSORIES







BLE TEMPERATURE & BLE DOOR HUMIDITY SENSOR

WTH301

The WTH301 is used to measure temperature and humidity levels in logistics and transportation.



SENSOR

WMS301

- Detect door open and close status
- Measure temperature and humidity levels



BLE TPMS SENSOR

ATP102

- Internal TPMS sensor
- Tire pressure and tire temperature monitoring
- Long standby time (5 years)
- The sensor is sold by set /4 pcs



BLE TPMS SENSOR

ATP100

- External TPMS sensor
- Tire pressure and tire temperature monitoring
- Long standby time (5 years)
- The sensor is sold by set /4 pcs





BLE KEY FOB

WKF300

WKF300 is a BLE beacon designed as a key fob. It can be used for driver ID identification and as a panic button.



BLE BEACON

WID310

- Easy and Low Cost Installation
- IP67 Waterproof
- Compact Size
- Replaceable Coin Battery
- Power On/Off Switch



BLE RELAY

WRL300

- Compact Size
- IP64
- Easy Installation
- Remote Control
- BLE 5.1



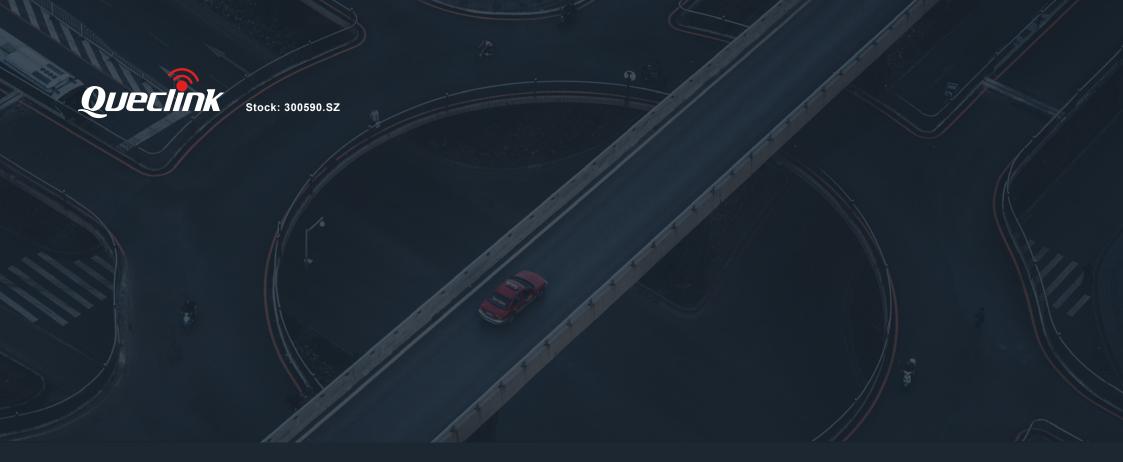
PRODUCT COMPARISON

| | | M _Q | GV310LAU | GV305CEU | 0WG | OMG | | <u>9</u> | 90 | CEU | OMG | GV350CEU | | | | > | Ð M | CEU | LAU | OMA | 1LG |
|----------------------------------|--|----------------|----------|----------------|----------|---------------|----------|----------------|----------|----------------|--------------|----------------|----------|----------|---------------------|-------------|----------|----------------|----------|----------------|-------------|
| | Item | GV300W | GV31 | GV30 | GV600WG | GV620MG | GV57 | GV57MG | GV57CG | GV57CEU | GV350MG | GV35 | GV50P | GV55 | GV56 | GV55W | GV53MG | GV58CEU | GV58LAU | GV500MA | GV501LG |
| | Cellular Connectivity | 3G | 4G | 4G | 3G | 4G | 2G | 4G | 4G | 4G | 4G | 4G | 2G | 2G | 2G | 3G | 4G | 4G | 4G | 4G | 4G |
| Technolog | BLE Wifi | _ | 1 | | 1 | | _ | | - | | - | | - | | √ | | - | √ | - √ | | |
| 1 | Operating Voltage | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-90V | 8-90V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-32V | 8-16V |
| f | IP Rating | | | | IP67 | IP67 | IP67 | IP67 | IP67 | IP67 | | | | | | | | | | | |
| | Battery (mAh) | 250 | 250 | 250 | 5800 | 5800 | 190 | 190 | 190 | 190 | 250 | 250 | 190 | 250 | 170 | 250 | 190 | 190 | 190 | 60 | |
| | Optional eSIM | | √ | | √ | | √ | | <u>√</u> | | <u>√</u> | | <u>√</u> | | | | <u>√</u> | | | | |
| | Overvoltage Protection | √ | 1 | √ | 1 | - √ | √ | √ | √ | √ | 1 | - √ | √ | - √ | √ | √ | √ | √ | √ | √ | √ |
| | Zero Power Consumption 1-Wire Interface | | | 1 | 1 | 1 | | √ | | | 1 | 1 | _ | | 1 | | | 1 | | | |
| | RS232 Serial Port | 1 | 1 | 1 | 1 | 1 | | | _ | | 2 | 1 | _ | | ' | | _ | <u>'</u> | | | |
| | RS485 Serial Port | <u> </u> | | 1 | <u> </u> | <u> </u> | | | | | | <u> </u> | _ | | | | | | | | |
| | Analog Input | 1 | 1 | 3 | 1 | 1 | | | 1 | 1 | | 3 | | | 1 | | | | | | |
| | Negative Digital Input | 2 | 1 | 4 | | | 1 | 1 | 1 | 1 | 3 | 3 | _ | 1 | | 1 | | 1 | 1 | | |
| | Ignition Detection | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | Digital Output | 3 | 1 | 6 | | | 1 | 1 | 1 | 1 | 2 | 5 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | | |
| | Configurable Digital Input/Output | 1 | 1 | | 4 | 4 | | | | | 1 | | | | | | 1 | 1 | | | |
| Hardware | Configurable Analog Input/Digital Input | | | | | | | | | | | | | | | | | | | | |
| | Configurable Analog Input/Digital Output | | | | | | | | | | | | | | | | | | | | |
| | OBDII Interface | | | | | | | | | | | | | | | | | | | | |
| | CAN Interface | √* | , | | | | | | | | √* | | | | | | | | | | |
| 1 | CAN Adapter Support | <u>√</u> | - V | .1 | .1 | -1 | .1 | .1 | .1 | 1 | -1 | .1 | .1 | | .1 | .1 | .1 | .1 | .1 | | .1 |
| 1 | K Line Audio Interface | 1 | √ √ | | √ √ | | - 1 | √ | 1 | 1 | 1 | | 1 | | 1 | √ | √ √ | <u>√</u> | | | <u>√</u> |
| | Internal Cellular Antenna | 1 | ٧ | · · · | ٧ | · · · | ν | · · · | · · · | v | <u>√</u> | · · · | · · · | -γ | · · | Y | ٧ | ·V | V | · v | |
| | Internal GNSS Antenna | | | | √ | | | | √ | | i i | | | | | | - V | | | | |
| | Optional External GNSS Antenna | | <u> </u> | | | | | | | | <u> </u> | V | <u> </u> | | · | | | | | | |
| | Accelerometer | | _ | | _ | | _ | | | | | <u> </u> | _ | | | | _ | | | | |
| | Gyroscope Sensor | | | | | | | | _ | | _ | | | | | | | | | | |
| | Built-in Light Sensor | | | | | | | | | | | | | | | | | | | | |
| | Built-in Temperature Sensor | √ | V | 1 | 1 | 1 | V | V | 1 | √ | 1 | 1 | V | V | √ | V | 1 | √ | V | √ | √ |
| | Built-in Humidity Sensor | √. | √. | √. | √. | √. | √ | √. | 1 | √. | 1 | √. | √. | √. | √. | √. | √ | √ | √. | √. | √ |
| | Scheduled Location Report | √ | √ | <u>√</u> | √ | | √ | √ | √ | 1 | <u>√</u> | <u>√</u> | <u>√</u> | √ | <u>√</u> | √ | √ | √ | <u>√</u> | | √ |
| | Geo-fences | √ | √ | √ | √ | √ | √ | √ | √ | 1 | √ | √ | √ | √ | √ | √ | √ | √ | √ | | √ |
| | Tow Alarm | √ | √ | √ | √ | <u>√</u> | √ | √ | √ | <u>√</u> | √ | <u>√</u> | √ | <u>√</u> | 1 | √ | √ | <u>√</u> | √ ./ | √ | √ |
| | Speed Alarm Idling Alarm | <u>√</u> | 7 | - V | √ | | | <u>√</u> | <u>√</u> | √ | <u>√</u> | - \ | 1 | | - √ | | 1 | | | √ | |
| | Low Battery Alarm | | 7 | - \ | , | $\overline{}$ | Ż | - i | 1 | - | , | | V | | √ | | 7 | - 1 | , | √ | |
| | SOS Alarm | <u>'</u> | Ż | - \ | | | | - i | , | - \ | V | - 1 | | 7 | ij | - i | - i | 7 | Ż | - \ | |
| | Removal Alarm | | 1 | | | | √ | 1 | 1 | | 1 | | √ | - V | <u>√</u> | - V | 1 | | 1 | | |
| | Crash Detection | √ | 1 | √ | 1 | √ | √ | √ | √ | √ | √ | √ | 1 | V | √ | V | V | √ | 1 | -√ | √ |
| | Driving Behavior Monitoring | √ | 1 | √ | 1 | √ | √ | 1 | V | √ | V | √ | 1 | 1 | √ | 1 | 1 | V | V | V | 1 |
| | Motion Detection | V | 1 | 1 | 1 | √ | 1 | 1 | 1 | V | 1 | V | 1 | 1 | √ | 1 | V | √ | √ | √ | √ |
| Function | External Power Monitoring | √ | 1 | √ | 1 | √ | √ | √ | √ | √ | √ | √ | 1 | √ | √ | √ | | √ | √ | √ | √ |
| ory | Virtual Ignition Detection | <u>√</u> | √ | - √ | √ | - √ | √ | - √ | √ | √ | √ | √ | √ | √ | - √ | √ | | √ | √ | √ | √ |
| osse | Configuration OTA | <u>√</u> | | | | | | | | | √ | | | | | | | | | | |
| 3008 | Firmware OTA | <u>√</u> | | | √ | √ ./ | | | | | √ | | √ | <u>√</u> | <u>√</u> | √ | √ ./ | | | - √ | |
| la la | Garmin FMI | √ /= | √ | √ | √ | √ /= | √ | √ | 1 | <u>/</u> | √ | <u>√</u> | √ | √ | √ / - | √ | √ | √ / | √ / | | |
| tion | Virtual Odometer | √* | √ | √ | | √* | | | | √ | √* | - √ | | | √* | | | √ | √ | | √ |
| ppe | Engine Control | | | | | | | | | | , | | | | , | | | | | | |
| ipported by additional accessory | Fuel Monitoring | | | | la. | l. | | | | | √ /- | | | | √ '- | | √ | | | √ | |
| pe | Fall Detection | √* / | √ | √ | √* | √* / | | | | <u>/</u> | √* / | <u>√</u> | | | √* / | | | √ | √ | | |
| pod | Accelerometer Self-Calibration | √ / | √ | √ /: | √ /: | √ | √ | √ /: | | √ | √ | √ /- | √ / | √ /- | √ | <u>/</u> | √ | | | | |
| 9 | Driver Identification | √* | √* | √* | √* | | | √* | √* | | | √* | √* | √* | | √* | | | | | |

NC-Nonrechargeable O-Optional * Supported by additional accesso

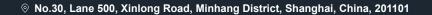
| 7 | | | ē | Ø ₩ | 8 | <u> </u> | | SMG | 9 | B | ១ | Ð. | | ۵, | | <u>e</u> |
|--|-----------|--|---------------|-------------|----------------------|----------------------|---------------|-------------|-----------------|----------------|----------------|---------------------------------------|-------------|----------------------|-------------|-------------|
| COMPARISON | | ltem | GB100P | GB130MG | GMT200 | GL300W | GL505 | GL520MG | С L530МG | GL521MG | GL53MG | GL502MG | GT301 | GL52LP | GL52S | GL52SP |
| | | Cellular Connectivity | 2G | 4G | 2G | 3G | 2G | 4G | 4G | 4G | 4G | 4G | 2G | LoRa | Sigfox | Sigfox |
| \perp | Technolog | BLE | √ | V | | | | | | √ | √ | √ | | | 1 | |
| | | RF 433.92MHz | | | | | | | | | | | | | | |
| | | Operating Voltage | 8-32V | 8-32V | 9-32V | | | | | | | | | | | |
| Œ | | IP Rating | IP65 | IP67 | IPX6 | IPX5 | IPX7 | IP67 | IP67 | IP67 | IP67 | IP68 | | O IP67 | O IP67 | |
| | | Battery (mAh) Optional eSIM | 200 √ | 200 √ | 650 √ | 2600 √ | NC 1500 √ | 1400 | 1400 | 2400 √ | NC 2400 √ | 57000 √ | 1000 √ | NC 2400 | NC 1900 | NC 2400 |
| | | Overvoltage Protection | | √ | | | · · · · · | | | | v | · · · · · · · · · · · · · · · · · · · | v | | | |
| 5 | | Zero Power Consumption | · · · | · · · · · · | | | | | | | | | | | | |
| | | 1-Wire Interface | | | · · | | | | | | | | | | | |
| | | RS232 Serial Port | | | | | | | | | | | | | | |
| | | RS485 Serial Port | | | | | | | | | | | | | | |
| U | | Analog Input | | | | | | | | | | | | | | |
| | | Negative Digital Input | | | 1 | | | | | | | | | | | |
| CT | | Ignition Detection | | | 1 | | | | | | | | | | | |
| | | Digital Output | | | 1 | _ | | | | | | | | _ | | |
| | | Configurable Digital Input/Output Configurable Analog Input/Digital | | | | | | | | | | | | | | |
| | Hardware | Input | | | | | | | | | | | | | | |
| PRODU | | Configurable Analog Input/Digital | | | | | | | | | | | | | | |
| | | Output OBDII Interface | | | | | | | | | | | | | | |
| | | CAN Interface | | | | | | | | | | | | | | |
| U | | CAN Adapter Support | | | | | | | | | | | V | | | |
| | | K Line | √ | V | V | √ | √ | V | √ | V | V | √ | V | | | |
| | | Audio Interface | √ | V | 1 | √ | √ | V | √ | V | V | √ | V | V | √ | √ |
| | | Internal Cellular Antenna | | | | | | | | | | | | | | |
| | | Internal GNSS Antenna | <u>√</u> | √ | √ | √ | √ | √ | √ | | √ | √ | √ | √ | √ | √ |
| | | Optional External GNSS Antenna | √ | √ | | | | | | | | | | | | |
| | | Accelerometer | | | | | | | √ | √, | | | | | | |
| | | Gyroscope Sensor | | | | | | √ | √ | √ | | 1 | | | | |
| | | Built-in Light Sensor Built-in Temperature Sensor | √ | √ | | √ | √ | | √ | √ | - V | √ | √ | V | √ | |
| | | Built-in Humidity Sensor | $\overline{}$ | i | - i | i | $\overline{}$ | | $\overline{}$ | - i | - i | $\overline{}$ | | 7 | | |
| | | Scheduled Location Report | √ | 1 | 1 | | | | | | | | | | | |
| | | Geo-fences | √ | 1 | √ | √ | √ | √ | √ | V | 1 | | | | | |
| | | Tow Alarm | √ | 1 | V | | | | | | | | | | | |
| | | Speed Alarm | √ | √ | √, | √, | √ | √, | √, | √, | √, | √ | √ | √ | | √ |
| | | Idling Alarm | √ | | | √ | | | √ | √ | √ | | - √ | | | |
| | | Low Battery Alarm SOS Alarm | | | | | | <u></u> | v | Y | | | | | | |
| | | Removal Alarm | ${}$ | V V | √ | √ | | | | | | | | | | |
| | | Crash Detection | | i | i | , | √ | <u>√</u> | √ | √ | √ | √ | 1 | 1 | | |
| | | Driving Behavior Monitoring | | 1 | 1 | √ | | | | | | | | | | |
| | | Motion Detection | √ | 1 | | | | | | | | | | | | |
| | Function | | √ | √ | V | √ | √ | √ | √ | 1 | √ | √ | √ | √ | √ | √ |
| 2 | | Virtual Ignition Detection | √ | √ | √ | √ | √ | √ | √ | √ | √ | 1 | 1 | | | |
| SSO | | Configuration OTA | | | | | | | | | | | | | | |
| cce | | Firmware OTA | √ | √ | √ | √ | | | | | | | | | | |
| <u>a</u> | | Garmin FMI | | | - √ | | | | | | | | | | | |
| e tion: | | Virtual Odometer | | | | , | | | | | | | , | | | |
| jeable additior | | Engine Control | | , | √ | √ | | | | | | | - √ | | | |
| arge bv a | | Fuel Monitoring | √ | √ | ٧ | | | | | | | | | | | |
| -Nonrechargeable Optional upported by addition | | Fall Detection | | , | | | , | | | | , | | | , | | ./ |
| onr tion | | Accelerometer Self-Calibration | √ | √ ./• | √ ./ * | √ ./ * | √ | √ | √ | | - √ | √ | √ | √ ./ * | √ | √ |
| Ž 0 0 | | Driver Identification | √* | √* | √* | √* | | | √* | √ * | | | √* | √* | √* | |

NC-N O-Ob





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