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# PRODUCT CATALOG 2022



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.

# CAPABILITIES

## 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.

# 10+

 YEARS IN THE IoT INDUSTRY

# 3800+

 CLIENTS EMPOWERED

# 42M+

 PRODUCTS DELIVERED

# 140+

 COUNTRIES HAVE FELT OUR IMPACT

# 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 | 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*



## LIVESTOCK

Together with Leader Products, we provide farmers with advanced animal identification solutions to better support livestock management and enhance their competitiveness in the livestock industry. Combining advanced technology with experience in the livestock industry, our products enable the secure and durable tracing of animals throughout the world.

**Applications:**

*Herd Management | Food Traceability*



## 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

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

## FEATURED PRODUCTS

### GV300 SERIES

Advanced Vehicle Tracker



- 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

#### Applications:

Fleet Management | Cold Chain | Transportation Monitoring

### GV57 SERIES

Compact Waterproof Vehicle Tracker



- Waterproof, IP67
- Simple five-wire installation using in-line connector
- Digital I/O for ignition detection, panic button etc.
- Supports BLE 5.1
- LTE Cat M1/NB2 | EGPRS

#### Applications:

Stolen Vehicle Recovery/ Automobile Finance/ Motorcycle Monitoring

### GV600 SERIES

LTE Rechargeable Ruggedized Trailer Tracker



- 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

#### Applications:

Trailer Tracking | Flatbed Truck Tracking | Tanker Tracking

### 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 5.2 for connecting diverse wireless accessories such as BLE beacons and temperature monitoring sensors
- LTE Cat 1 | LTE Cat M1/NB1 | EGPRS

#### Applications:

Fleet Management / Cold Chain / Transportation Monitoring





# TRANSPORTATION

## FEATURED PRODUCTS

### GV50 SERIES

LTE Compact Vehicle Tracker



- Compact size for convert installation
- Ideal for a wide range of vehicle tracking applications, such as car leasing and buy here pay here (BHPH)
- Easy installation using an in-line connector
- LTE Cat M1/NB2 | EGPRS/GSM

#### Applications:

Car Leasing / Stolen Vehicle Recovery/ Automobile Finance

### GV500 SERIES

Plug-in Vehicle Tracker with OBDII Support



- Plug and play, reliably reads ISO CAN Bus data
- Supports BLE 4.2
- Supports vehicles manufactured after 2008, currently selling in the US
- Optimal GNSS performance enabled by two orthogonal GNSS antennas
- LTE Cat M1/NB1 | EGPRS

#### Applications:

Car Leasing / Insurance Telematics / Lot Management

### GB100 SERIES

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 4.2
- e-Toll ready
- LTE Cat M1/NB1/NB2 | EGPRS/GSM

#### Applications:

Insurance Telematics / Automobile Finance / Stolen Vehicle

### 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
- WiFi Internet access
- Full telematics features and support for Queclink protocols
- LTE Cat 4 | HSPA | GSM/GPRS

#### Applications:

Insurance Telematics/ Fleet Management / Car Leasing

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





# ASSET & MOBILITY

- 5 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

### GL300 SERIES

LTE Advanced Real-Time Asset Tracker



- 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

#### Applications:

Asset Tracking / Lone Worker Safety / Stolen Vehicle

### 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/NB1/NB2 | EGPRS

#### Applications:

Asset Monitoring / Cold Chain / Lot Management

### GL53MG

LTE Micro Waterproof Standby Asset Tracker



- 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 5.1
- LTE Cat M1/NB2 | EGPRS

#### Applications:

Asset Security / Stolen Vehicle / Automobile Finance

### GL502MG

LTE Waterproof Tracker with 10-year Standby Time



- Up to 10-year standby time
- Supports wireless charging
- Waterproof, compliant to IP68
- Support BLE 5.2
- Supports WiFi positioning
- LTE Cat M1/NB2 | EGPRS

#### Applications:

Asset Security / Cold Chain/ Lot Management



## FEATURED PRODUCTS

### GT301

Safety Phone for Vulnerable Groups



- 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

#### Applications:

*Lone Worker Safety / Anti-domestic Violence / Senior Care*

### GL52LP

LoRa Micro Standby GNSS Asset Tracker



- 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

#### Applications:

*Asset Security/ Stolen Vehicle Recovery / Automobile Finance*

## ASSET & MOBILITY

- 5 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



# NETWORKS

- Advanced 5G and 4G router products
- Highly secure, withstand Queclink's rigorous quality control processes
- New launch industrial routers in 2021/2022

## FEATURED PRODUCTS

### WR100 SERIES

Compact LTE Dual-SIM Industrial WiFi Router



**Applications:**  
*Industrial automation/  
Smart City/  
Transportation and Retail*

- LTE CAT 4 with speeds up to 150Mbps
- Reliable Connectivity with Dual SIM
- IEEE 802.11 a/b/g/n, 2.4 GHz
- 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 WiFi/hotspot in outdoor situations
- Telematics features, including GNSS positioning
- LTE Cat 4|WCDMA| EGPRS

### WR200 SERIES

LTE Cat 4 Dual-SIM Industrial WiFi Router



**Applications:**  
*Industrial automation/  
Smart City/  
Transportation and Retail*

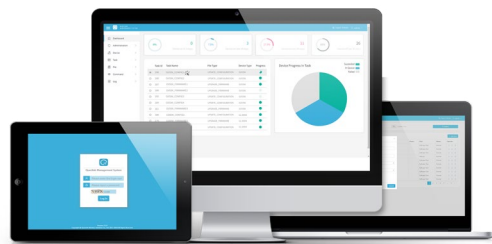
- LTE CAT 4 with speeds up to 150 Mbps
- Reliable Connectivity with Dual SIM
- IEEE 802.11 a/b/g/n/ac, 2.4/5 GHz
- VPN Secure Connection
- 2 Ethernet Interfaces (1 WAN, 3 LAN)
- Multiple I/Os, including RS232, RS485 and digital I/O for various use scenarios
- Provides secure data channel to IoT solutions and acts as a WiFi/hotspot in outdoor situations
- Telematics features, including GNSS positioning
- LTE Cat 4|WCDMA| EGPRS





## SOFTWARE

### 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

#### QPAK

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



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

- 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.use_y = False
mirror_mod.use_z = True

#selection at the end of the day
error_ob.select-1
modifier_ob.select-1
py.com.scene.objects.active = modifier
rint("please select exactly two objects")

print("please select exactly two objects")

OPERATOR CLASSES
```



# LIVESTOCK

- Suitable for all major global livestock markets
- Fully compliant with local regulations and standards
- Accurate traceability
- Proven and tested in the field
- 68 million+ products shipped worldwide, including 26 million electronic ID products shipped worldwide

## FEATURED PRODUCTS

### OFFICIAL FLAG EID

This device is used for the official identification of cattle and is beneficial as it can be either read visually for management purposes or with an RFID reader



- Large printing surface for ease of laser marking and visual reading
- Combined EID and visual device
- Tamperproof design for lifetime traceability

#### MORE COLORS



### OFFICIAL EID

This device is used for the official identification of cattle and is the product of choice for mandatory government traceability systems around the world



- ICAR certified
- Manufactured to ISO standards
- Designed with our partners that have 75 years' experience in the industry

#### MORE COLORS



### MULTIPIN SHEEP

This device is used for the official identification of sheep and is currently used in millions of animals throughout Australia under their national traceability system NLIS (National Livestock Identification System)



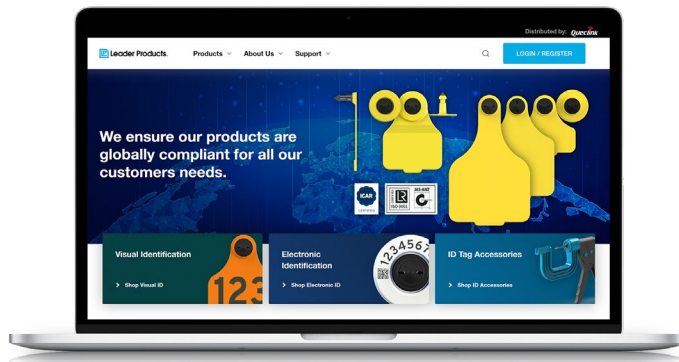
- ICAR/NLIS certified
- Large printing surface
- Unique patented pin transponder design

#### MORE COLORS





## ONLINE ORDERING PLATFORM



### SUMMARY

Our online livestock identification ordering platform was developed in conjunction with our global livestock identification partners to cater for and simplify the process of ordering official identification tags and management tags.

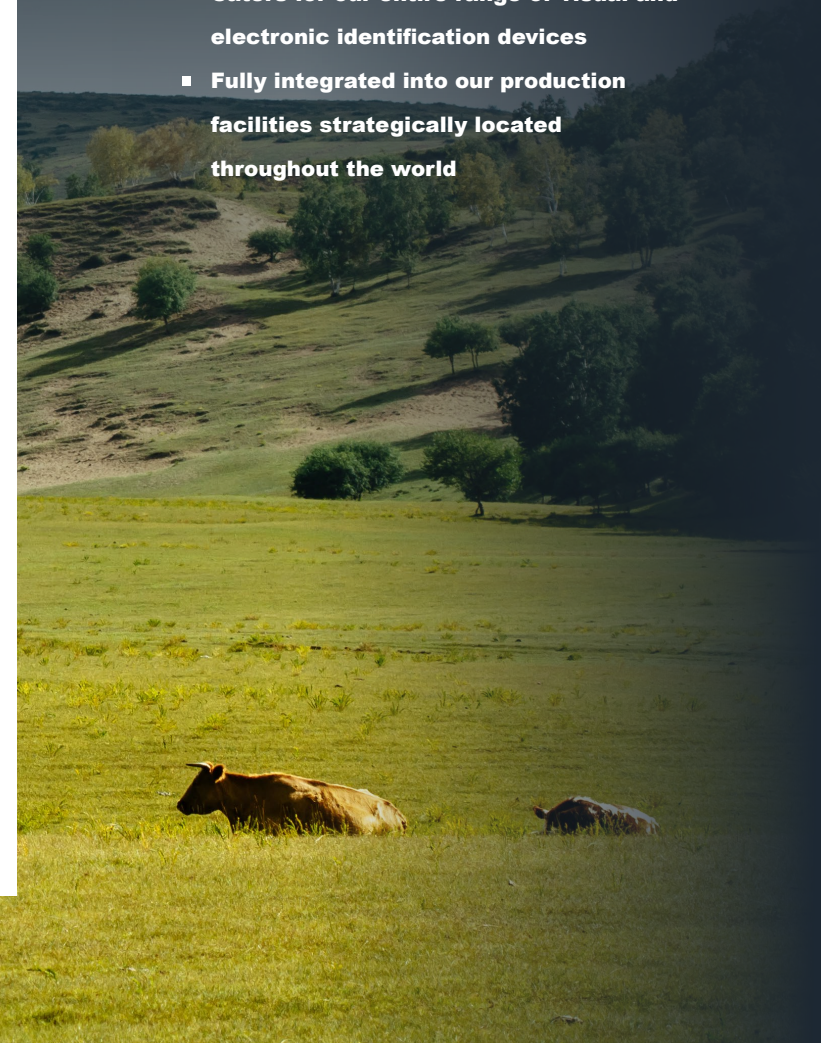
Within our platform we have developed a unique Tag Editor to allow all our global customers to seamlessly order their products, removing any mistakes whilst providing them with an actual visual representation of what they will receive.

To date our platform has successfully helped our clients all around the world with their livestock identification requirements and we intend to expand even further in 2022 to cater for more countries and official identification requirements.



## LIVESTOCK

- Custom designed for global livestock markets
- Fully compliant with country specific regulations and industry standards
- Suitable for Wholesalers, Resellers and recommended Retail Customers
- Caters for our entire range of visual and electronic identification devices
- Fully integrated into our production facilities strategically located throughout the world







# 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

# 1

## COLLABORATION

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

# 2

## DESIGN

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

# 3

## MANUFACTURE

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

# 4

## SUPPORT

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





# ACCESSORIES

## CAN

### CAN100

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



## FUEL SENSOR

### UFS300

UFS300 is a non-invasive tool that does not require contact with the fuel and does not do any damage to the fuel tank. It is easy to install and environmentally friendly.



## 1-WIRE KIT

### 1-WIRE KIT

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



## RFID READER

### DR200

- Supports various MIFARE transponders
- Built-in buzzer



## BLE TEMPERATURE & HUMIDITY SENSOR

### WTH300

- Used to monitor temperature and humidity. It can be utilized in cold chain logistics, asset monitoring and other environmental management applications.
- Works perfectly with Queclink BLE trackers to collect environmental data.



## 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.



## 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



## MAGNETIC WATERPROOF CASE

### GL-HM3G-V3

- Magnetic installation
- IP67 waterproof



PRODUCT COMPARISON

NC-Nonrechargeable  
O IP67-Optional IP67 Waterproof Case  
\* Supported by additional accessory

Item		GV300	GV300W	GV300CAN	GV350MG	GV600MG	GV600WG	GV500MA	GV500MAP	GV75MG	GV75W	GV75	GV65	GV65 Plus	GV56	GV53MG	GV57MG	
Technology	Cellular Connectivity	2G	3G	2G	4G	4G	3G	4G	4G	4G	3G	2G	2G	2G	2G	4G	2G	
	BLE			√		√	√		√						√		√	
	RF 433.92MHz	√*																
Hardware	Operating Voltage	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	8-32V	
	IP Rating					IP67	IP67			IP67	IP67	IP67						
	Battery (mAh)	250	250	250	250	5800	5800	60	60	700	1100	1100		250	170	190	190	
	Optional eSIM	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
	Overvoltage Protection	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
	Zero Power Consumption									√	√						√	
	1-Wire Interface			1	1	1	1						1	1	1			
	RS232 Serial Port	1	1	1	2	1	1			1	1	1						
	RS485 Serial Port		1															
	Analog Input	1	1	1		1	1						1	1	1			
	Negative Digital Input	2	2	2	3					1	1	1	2	2			1	1
	Ignition Detection	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1
	Digital Output	3	3	2	2					2	2	2	2	2	2	1	1	1
	Configurable Input/Output	1	1		1	4	4										1	
	Impulse Input																	
	OBDII Interface								√	√								
	CAN Interface			√														
	CAN Adapter Support	√*	√*		√*							√*	√*	√*	√*			
	Audio Interface	√	√															
	Internal Cellular Antenna	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Internal GNSS Antenna	√	√	√	√	√	√	√	2	2	√	√	√	√	√	√	√	√
	Optional External GNSS Antenna	1	1	1	1													
	Accelerometer	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Gyroscope Sensor																	
	Built-in Light Sensor																	
	Built-in Temperature Sensor																	
	Built-in Humidity Sensor																	
	Function	Scheduled Location Report	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Geo-fences	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Tow Alarm	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Speed Alarm	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Idling Alarm	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Low Battery Alarm	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		SOS Alarm	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Removal Alarm	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		Crash Detection	√		√	√			√	√	√	√	√	√	√	√	√	√
Driving Behavior Monitoring		√	√	√	√			√	√	√	√	√	√	√	√	√	√	
Motion Detection		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
External Power Monitoring		√	√	√	√	√	√	√	√	√	√	√		√	√	√	√	
Virtual Ignition Detection		√	√	√	√	√	√	√	√	√	√	√			√	√	√	
Configuration OTA		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
Firmware OTA		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
Garmin FMI		√	√	√	√						√	√						
Virtual Odometer		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
Engine Control		√	√	√	√	√	√	√		√	√	√	√	√	√	√	√	
Fuel Monitoring		√*	√*	√	√*	√*				√		√*	√*		√*			
Fall Detection																		
Accelerometer Self-Calibration					√				√	√	√				√	√		
Driver Identification		√*	√*	√*	√*	√*	√*	√*				√*	√*	√*	√*	√*		







Stock: 300590.SZ

+86 2151 0829 65

sales@queclink.com

No.30, Lane 500, Xinlong Road, Minhang District, Shanghai, China 201101



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