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Queclink

- LTE Cat 1 with 2G Fallback
- Tachograph Data and DDD File Download
- Support K-Line
- Support J1939/J1708
- Support Light Vehicle CAN bus and DTC
- RS232&RS485 Serial Ports
- Multiple I/O Interfaces
- 1-Wire Interface
- Scheduled Report
- Geo-fences
- Tow Alarm
- Crash Detection
- Driving Behavior Monitoring
- OTA Control
- Temperature Monitoring*
- Driver Identification*
- BLE 5.2

* External accessory is required to support



GV355CEU

All-purpose LTE Cat 1 telematics terminal with CAN and tachograph data reading

92g	94(L) × 58.5(W) × 21(H)mm
-30℃ ~ + 70℃	Operating Voltage: 8V ~ 32V DC Li-Polymer, 250 mAh

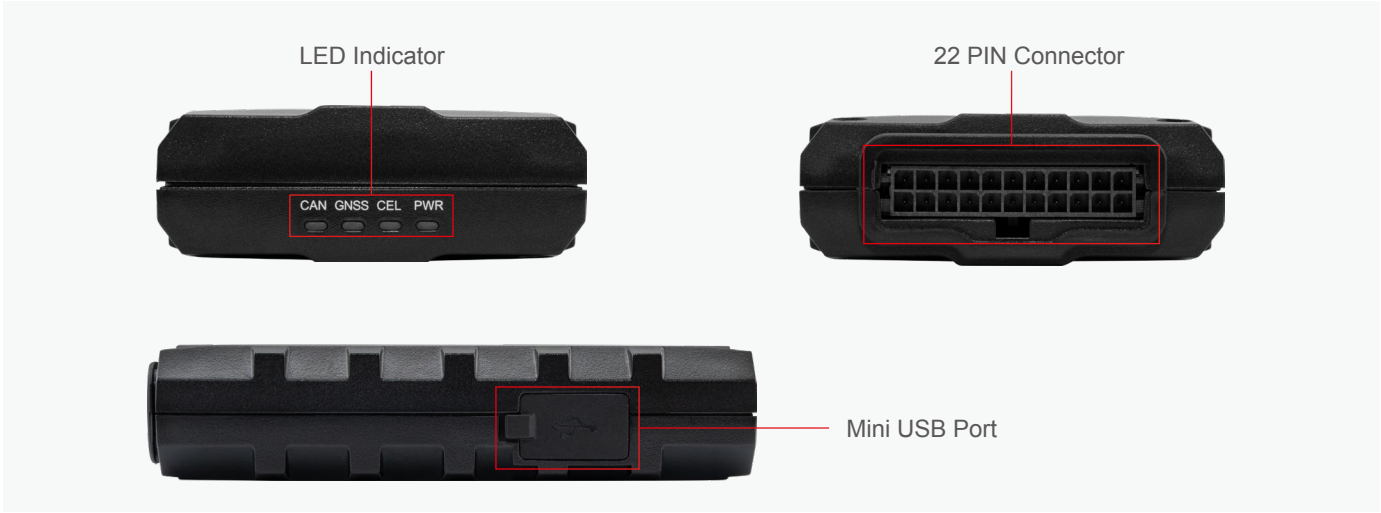
The GV355CEU is Queclink's new flagship telematics device dedicated to advanced fleet applications. Equipped with powerful vehicle data interpreter, the device can be connected to almost all tachograph models (including D8 and CAN interface tachograpah) to remotely download the tachograpah data and DDD file. In addition, it supports J1708 and all kinds of CAN bus-equipped vehicles, enabling advanced vehicle data reading, including DTC. Integrated with LTE Cat 1 and high precision GNSS module, GV355CEU ensures full coverage and reliable connection. With built-in BLE and multiple interfaces, the device supports connectivity to diverse accessories to enable temperature monitoring, driver identification, as well as event alert. The practical feature sets and ready-made @Track protocol boost the flexibility to be deployed in a variety of applications to efficiently and effectively manage the fleet.



GV355CEU

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
EMEA	LTE Cat 1 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 GSM: 850/900/1800/1900 MHz	u-blox All-in-one GNSS Receiver	Autonomous: <2.0m	CE, E-mark, UKCA

Multiple Interfaces



Item	Description
Digital Input	1 x positive trigger input for ignition detection 3 x negative trigger inputs
Analog Input	1 x analog input (0V ~ 16V) 1 x analog input (0V ~ 32V)
Digital Output	1 x digital output
Latched Digital Output	1 x digital output with internal latch circuit, open drain, 150 mA max drive current
Configurable I/O	1 x configurable digital input/digital output
Serial Port	1 x RS232 1 x RS485
CAN Interface	CAN1H/CAN1L: Support reading CAN bus data in heavy (J1939/FMS) and light vehicle CAN2H/CAN2L: Support reading and download tachograph data Support reading CAN data in J1708 and OBDII
K-Line	Connect D8 of tachograph for live data reading
1-Wire Interface	Support 1-wire temperature sensor and iButton driver ID
Cellular Antenna	Internal antenna
GNSS Antenna	Internal antenna
BLE Antenna	Internal antenna
LED Indicator	Cellular network, GNSS, Power status, CAN/J1708/Tachograph status
Mini USB Interface	Used for configuration, upgrade and debug

Accessories



WTH300

BLE temperature and humidity sensor



WKF300

BLE key fob for continuously detecting the on-board status of the device



WBC300

BLE I/O expander used for engine control and locking control together with external relay



ATP100

BLE External TPMS



ATP102

BLE Internal TPMS



1-Wire Temperature Sensor

1-wire temperature sensor (DS18B20)
Cable length: 8m



UFS300

Ultra Sonic Fuel Sensor
Operating voltage: 9V-36V DC
Measurement range: 5cm - 100cm
Level accuracy: ±0.5%
IP rating: IP66 (detector)
Output interface: RS232 serial port
Baud rate: 19200



DR102

RFID Reader Kit
Parts list:
RFID reader x1, RS232 interface;
RF card x2



iButton Kit without AC100

Used for driver ID identification (Dallas keys)
Parts list:iButton reader x 1 pc, 1-wire interface iButton (with handle) x 2 pcs



RS232 Camera

RS232 camera with power supply
Power supply input voltage: 10-24V
Communication baud rate: 115200
Camera lens: 2.8m infared R940 light
Angle of view:110 °
Wire Length: 2m
Pixel: 300k



EIO100

I/O Expander
The EIO100 is an expander that provides four digital inputs and four digital outputs. It can be connected through UART or 1-wire with Queclink GV300 series, GV75 series and GV65 series products.
Digital input x4 Digital output x4
Model: EIO100