

Bluetooth & Wi-Fi Vehicle Tracker

4G / Bluetooth / Wi-Fi / Wide Voltage / Flexible I/O / CAN (Optional)



T799L



Bluetooth Sensor Connectivity

Supports Bluetooth temperature and humidity sensors and Bluetooth beacons for wireless environmental and asset monitoring.

Wi-Fi Data Transmission

Built-in 2.4 GHz Wi-Fi supports direct data transmission in supported network environments.

Flexible I/O Integration

Supports multiple interfaces and peripheral connections for flexible vehicle and device integration.

Driving Behavior Monitoring

Detects driving events including harsh acceleration, harsh braking, sharp turns and idling to support efficient fleet management.

Wide Voltage Input

DC 11.4–90 V input supports flexible deployment across different vehicle power systems.

APPLICATION



Logistics Vehicles



Cold Chain Logistics



Construction Machinery



Public Transportation

SPECIFICATIONS

ITEM	SPECIFICATIONS
Dimension	80.5 mm x 60 mm x 23.5 mm
Weight	100g
I/O power cable length	50cm
Input power supply	DC 11.4–90 V/1.5 A
Battery	Built-in 400 mAh battery (high-temperature rated: -10°C to +60°C)
Power Consumption	Standard standby current: 65 mA
Operating Temperature	-35°C to 80°C (without battery); -10°C to 60°C (with battery)
Operating Humidity	5% to 95%
LED pilot lamp	The green LED indicates the GSM signal, while the blue LED indicates the GPS signal
Button/Switch	1 Upgrade button (for manual firmware upgrade), 1 Power button
Memory	8M
Sensor	Accelerometer (for vibration wake-up, towing, and emergency acceleration/deceleration alerts)
Frequency band	T799L-GFW1B5U2 (Global Edition): LTE FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/ B17/B18/B19/B20/B25/B26/B28/B66/B71 LTE TDD:B34/B38/B39/B40/B41 T799L-LAFW1B5U2 (Latin America Edition): LTE FDD: B2/B3/B4/B5/B7/B8/B28/B66 T799L-EFW1B5U2 (European Version): LTE FDD:B1/B3/B5/B7/B8/B20/B28 LTE TDD:B38/B40/B41 T799L-CFW1B5U2 (China Edition): LTE FDD:B1/B3/B5/B8 LTE TDD:B34/B38/B39/B40/B41
GNSS	GPS/GLONASS/BeiDou
Microphone and speaker (optional)	3.5 mm plug
Positioning sensitivity	-167 dB
Positioning accuracy	2.5 meters
Bluetooth	Bluetooth 5.3
GPS/GSM Antenna	built-in
Wi-Fi	Built-in, supports WiFi @2.4 GHz, 802.11b/g/n
Input/Output ports	Up to 4 configurable digital inputs 1 × 1-Wire interface, configurable as OUT2 or negative trigger 1 × OUT1 1 × USB Type-C port 1 × 5 V output, max. 0.5 A RS232 (standard) / RS485 or CAN (optional) CAN version supports FMS protocol Note:The RS232 version; the RS485 and CAN versions are mutually exclusive (only one can be selected); the standard configuration is the RS232 version



ACCESSORIES

T799L Main Unit
Power Supply I/O Cable (50 cm, 12-pin connector)
L-shaped Wrench
CD Download Guide Page
Built-in Battery (400 mAh)
Screws (6 pieces)



OPTIONAL ACCESSORIES

Relay (12 V/24 V)
A52 Digital Temperature Sensor
A53 Fuel Level Sensor (Voltage-AD)



USB Data Cable
iButton Reader
Alarm Buzzer

IP67

CE



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