

# Vehicle GNSS Tracker



**T399  
Series**

## Flexible Configurable I/O

*Offer outstanding configuration flexibility to cater to a wide variety of requirements.*

## IP67 Water Resistant

*Specialized design provides a tough casing that stands up to the elements.*

## Driving Behavior Analysis

*Detect driver behaviors, such as the driver fatigue, idling, harsh acceleration/braking, harsh cornering, collision, etc.*



## APPLICATION



Cold Chain Trucks



Off-road Vehicles




Emergency Vehicles




Aquatic Vehicles

SPECIFICATIONS

ITEM	SPECIFICATIONS
Dimension	80.5 mm x 60 mm x 23.5 mm
Weight	100g
I/O power cable length	50cm
Power supply	DC 11.4–90 V/1.5 A
Battery	Internal 400 mAh battery (normal temperature resistant: -20°C to 60°C)
Power consumption	Current in standby mode: 65 mA
Operating temperature	-35°C to 80°C (available for the device without a battery) -5°C to 75°C (available for the device with a high temperature resistant battery)
Operating humidity	5% to 95%
LED indicator	Green LED indicator showing the network signal Blue LED indicator showing the GPS signal
Button/Switch	1 upgrade button (used to manually upgrade the firmware) 1 power button
Memory	8 MB buffer
Sensor	3-axis accelerometer (used to wake the device up by vibration and detect towing alerts, harsh acceleration alerts, and harsh braking alerts)
GNSS	GPS/GLONASS/BeiDou/Galileo
Positioning accuracy	2.5m
GPS/GSM antenna	Built-in antenna
I/O port	4 x Din/AD, 1 x Dout, 1 x 1-wire, 1 x 5V_out, 1 x RS232
Frequency band	T399L-EA: FDD: B1/B3/B7/B8/B20/B28, TDD: B38/B40, WCDMA: B1/B8, GSM: 900/1800MHz T399L-ER: FDD: B1/B3/B5/B7/B8/B20/B28, TDD: B38/B40/B41 GSM: B2/B3/B5/B8 T399L-AUR: FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66, TDD: B38/B40/B41 GSM: B2/B3/B5/B8
	T399G: WCDMA: B1/B2/B5/B8, GSM: B2/B3/B5/B8
	T399E: CAT M1/NB: B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/ B19/B20/B25/B26/B27/B28/B66/B71/B85 GSM: 850/900/1800/1900MHzLTE



T399 Series tracker  
L wrench  
Hexagon screw  
CD download card



OPTIONAL  
ACCESSORIES

Relay (12 V/24 V)  
Ultrasonic fuel level sensor  
A52 digital temperature sensor  
A53 fuel level sensor  
High temperature resistant battery (400 mAh)

USB cable  
iButton reader  
External GPS antenna  
Buzzer  
RFID reader

ACCESSORIES