



SAFEVAHAN

**Secure, Seamless Data Access
Anytime, on Any Device.**



www.nwaresoft.com

Introduction

Track vehicles, assets, or individuals with pinpoint accuracy. Our GPS tracker offers live location updates, geo-fencing alerts, and detailed route history. Safevahan is an advanced IoT-based device that enables real-time vehicle tracking, route optimization. And safety monitoring for individuals and businesses. From personal cars to large fleets, our tracker empowers you with control and intelligence — all through a simple mobile app and web dashboard.



Key Features



**Real-Time Vehicle
Tracking**



Route History & Playback



Geo-Fencing Alerts



Speed Monitoring .



Ignition Detection



**Tyre Pressure & Puncture
Detection (Optional)**



**Fuel Monitoring
(Optional)**



Emergency SOS Button

Smart Tracking. Smarter Security.

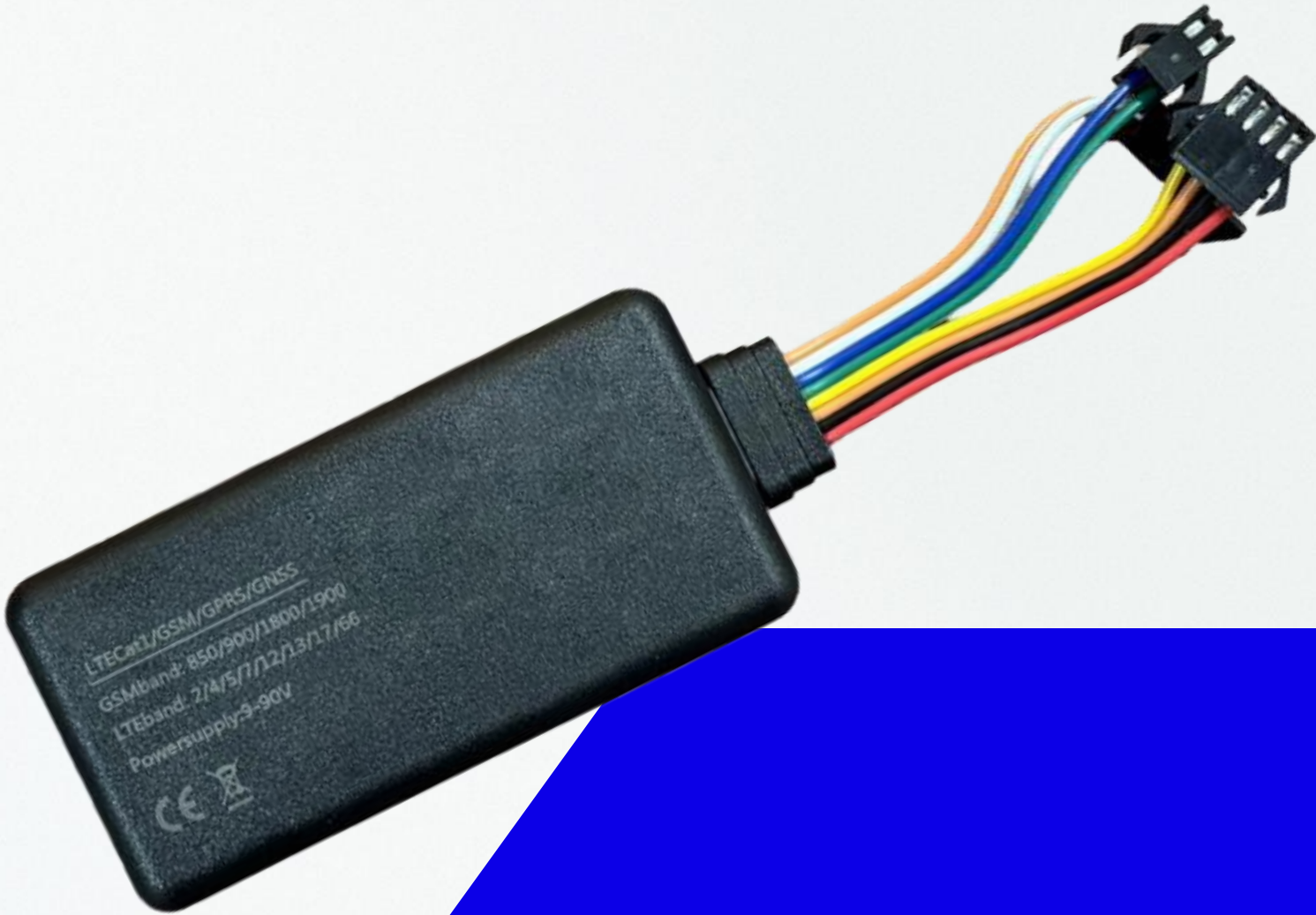
Car | Truck | Scooter | Motorbike | EV



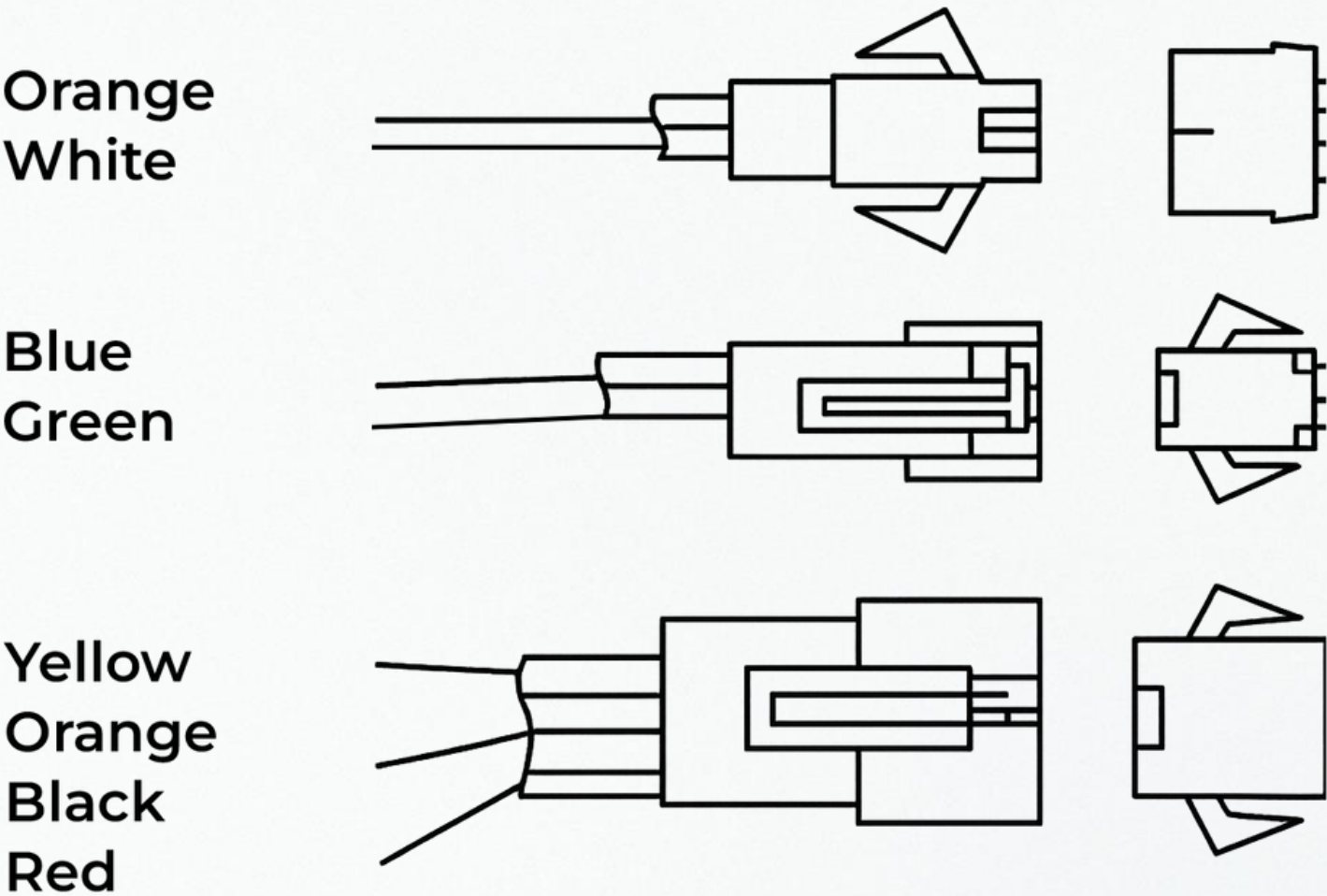
SLIM DESIGN TO FIT THE TIGHTEST SPACES

15 mm-height device can be easily fitted in the tightest spaces

Physical specification	
Dimensions	L86*W43*H15MM
Weight	70g
Module	
Name	LTE Cat 1/
Technology	LTE Cat 1/GSM/GPRS/GNSS



Interface Definition Of Product



Colour	Interface definition	Colour	Interface definition
Orange	Power GND	Yellow	Fuel
White	SOS	Orange	ACC
Blue	MIC_N	Black	GND
Power +	Green	Red	MIC_P



Interface Definition Of Product

GNSS

GNSS	GPS, GLONASS, GALILEO, SBAS
Receiver	64 channel
Tracking Sensitivity	-160 dB
Position Accuracy	< 2.0 m CEP
Velocity Accuracy	< 0.1 m/s
Hot Start	< 1 s
Warm Start	< 4 s
Cold Start	< 28 s

Operating environment

Operating Temperature	-20 °C to +75 °C
Storage Temperature	-40 °C to +85 °C
Operating Humidity	5% °C to 95% °C
Ingress Protection Rating	condensing IP54





Interface Definition Of Product

Cellular

Technology	LTE Cat 1, GSM
Storage Temperature	GSM:850 / 900 / 1800 / 1900 Mhz
Operating Humidity	LTEFDD:B1/B2/B3/B4/B5/B7/B8/B20/B28/B66
Ingress Protection Rating	LTE:Max10Mbps(DL)/Max 5Mbps(UL) GSM GPRS:Max85.6Kbps(DL)/Max85.6Kbps(UL) SMS (TXT/PDU)

Technical Specifications

GPS Sensitivity	162 dBm
Network	2g/4g
Power Source	9V–36V vehicle battery
Data Protocol	MQTT/HTTP (custom API available)
Certifications	CE, RoHS, AIS 140 (optional)





Interface Definition Of Product

Interface

Digital	Inputs	4 1 Internal High Gain
Digital	Outputs	Internal GSM High Gain
GNSS	Antenna	2 status LED lights Micro
Cellular	Antenna	SIM
LED	Indication	ry
SIM Memor y		

Features

Sensors	Accelerometer
Sensors	Over Speeding detection, Jamm detection, Unplug detection, Towing detection, Crash detecManual Geofence





Interface Definition Of Product

Power

Input Voltage range	9–90V DC with overvoltage protection
Battery	180mA/3.7V industrial-grade Li-Polymer battery
Power Consumption	At12V<4.5mA(Online Sleep) At12V<30mA(Normal)

Certification & approvals

Regulatory	CE
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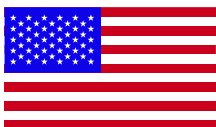
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