MV405

4G OBD-II GPS Vehicle Tracker

The MV405 is a small 4G Plug & Play OBDII GPS tracker with CAN BUS reading for tracking vehicles and providing insight vehicle data such as ignition, VIN, Mileage, fuel level, engine speed, engine load, Vehicle battery voltage,etc. Simply Plug & Play the device with OBD–II port to track your vehicle in real–time.

Multiple Alerts

Instant alerts for atypical events such as car fault, overspeed, ignition detection, geo-fence, etc.

Plug & Play Easy Installation

Simply Plug & Play the device with OBD-II port to your vehicle, no wiring required.

CAN BUS Data Reading

Support to read large vehicle data through the ISO9141-2, ISO14230, ISO15765 protocols. Such as : Ignition, VIN, Mileage, Fuel level, Engine speed, Engine load, Vehicle battery voltage.

Strong Positioning Systems

Support GPS & BDS & LBS & WIFI & AGPS & GLONASS positioning systems which can make vehicle positioning & trips more accurate and clearer.

GNSS	Positioning system	GPS & BDS & LBS & WIFI & AGPS & GLONASS
	Frenquency	L1
	Positioning accuracy	<2M CEP
	Tracking sensitivity	–162 dBm
	Acquisition sensitivity	–148 dBm
	TTFF(open sky)	Avg. hot start ⩽ 1s
		Avg. cold start ⩽ 32s
Cellular	Communication network	LTE Cat 1 & GSM (MV405EU, MV405–LA)
		LTE Cat M & GSM (MV405–NA)
	Frequency	**MV405–EU:**
		FDD–LTE: B1/B3/B7/B8/B20/B28
		TDD–LTE: B38/B40/B41
		GSM: 850/900/1800/1900Mhz
		MV405–LA:
		FDD–LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66
		TDD–LTE: B38/B40/B41
		GSM: 850/900/1800/1900Mhz
		MV405–NA:
		Cat M1 :
		B1/B2/B3/B4/B5/B8/B12/B13/
		B18/B19/B20/B25/B26/B27/B28/B31/B66/B72/B73/B85
		Cat–NB :
		B1/B2/B3/B4/B5/B8/B12/B13/
		B18/B19/B20/B25/B28/B31/B66/B71/B72/B73/B85
		GSM: 850/900/1800/1900Mhz
Power	Battery	110mAh industrial–grade Li–Polymer battery
	Input voltage	9–36V DC
Interface	LED indication	GNSS(Blue), Cellular(Green)
	SIM	Micro SIM
	USB	Type–C
	OBD Protocol	ISO9141–2, ISO14230, ISO15765
Physical specification	Dimensions	58*45*22mm
	Weight	200g
Operating environment	Operating temperature	–20℃ to +70 ℃
	Operating humidity	5% to 95%, non–condensing
Feature	Sensors	Accelerometer
	Scenarios events	Moving(Towing), Ignition, Geofence, Vibration,
		Low battery, Power cut off, Overspeed, etc.
	Driving behavior analysis	Harsh acceleration, Harsh braking,
		Harsh cornering, Collision.