

# VC10

## SMALL AND SMART TRACKER WITH ACCELEROMETER



### Experience The Advantage

- 4 WIRES DEVICE
- IGNITION DETECTION
- SOS PANIC BUTTON INPUT
- STARTER INHIBITS
- EXTERNAL POWER DETECTION
- WIDE OPERATION VOLTAGE
- HIGH SENSITIVITY GPS
- OFF-LINE DATA STORAGE

VC10 is a slim design easily fitted GPS tracker with internal GSM and GPS antennas, flash memory, integrated backup battery, accelerometer, ACC inputs and digital output.

With its wide voltage input range of 9-90V, it is suitable for various motors. It was designed for light commercial vehicles and passenger cars tracking in insurance telematics, rental and car sharing, recovery of stolen cars, public safety and courier delivery services, taxi, corporate fleets, motorcycles, etc.

Equipped with a built-in 25\*25mm large-size GPS antenna, the VC10 demonstrates excellent GPS capability, ensuring strong signal reception and accurate positioning.

In addition to its positioning capabilities, the VC10 offers a range of useful features. It supports remote fuel and electricity cutoff remotely. The device also provides power outage alarm, vibration alarm, displacement alarm, and ACC detection functions, enhancing security and alerting users to potential incidents or unauthorized activities.

Overall, the VC10 is a versatile and reliable vehicle tracking and monitoring solution, providing accurate positioning, robust functionality, and essential security features.

## GENERAL

Network Technologies	LTE-CAT 1 / GPRS / SMS
Location Technology	66 channel GPS
Operating Voltage	9V - 90V

## CELLULAR/BANDS

4G LTE-FDD, EMEA VERSION	B1/B3/B5/B8
4G LTE-FDD, LATIN VERSION	B2/B4/B8/B28
GSM/GPRS	900/1800

## GPS

GNSS	GPS, BDS
Receiver	66 channel
Location Accuracy	< 10 m
Tracking Sensitivity	-165 dBm
Acquisition Sensitivity	-148 dBm
Cold Start (open sky)	32 seconds
Hot Start (open sky)	1 second
AGPS / Location assistance capable	

## POWER

Input voltage range	9 - 90 V DC with overvoltage protection
Back-up battery	55mAh / 3.7V LiPo battery
Power Consumption	25 mA @ 12V working
	<10 mA @ 12V static
	<5 mA @ 12V deep sleep

## ENVIRONMENTAL

Operating temperature	-40°C to +70°C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP 65

## PHYSICAL

Dimensions	79.0(L) x 33.3(W) x 12.5(H) mm
Weight	30 g

## COMPREHENSIVE I/O

Power supply	9V - 90V
Ground	Ground connection
Ignition	Ignition detection
Digital Output	For relay connection
Status LEDs	GPS, cellular, power
SIM	Nano-SIM