AVT20

LTE CAT 1 Battery Mounted Tracker with 2G FALLBACK

Easy to install – no expertise or equipment needed

- LTE Cat 1 with Fallback to 2G
- Waterproof, IP67
- Operating Voltage: 7-90 V DC
- 6 – axis accelerometer
- Li-Polymer, 250 mAh
- BLE 5.3

LIGHT VEHICLES | MOTORBIKES | INSURANCE TELEMATICS

AVT20 is an Assistant Telematics device with two-wire easy installation and a waterproof design, developed for light vehicles, motorcycles, scooters, and e-bikes. The tracker supports a wide power supply range of 7-90 V.

The device features a built-in 250 mAh internal battery and supports a power-saving mode when RF and GNSS are disabled. Additionally, it comes with integrated BLE technology, allowing compatibility with BLE accessories such as temperature and humidity sensors, BLE relays, and beacons.

100 (L) x 45 (W) x 18 (H) mm

101 g

Network	
Quectel EG915UEU LTE Cat1 fallback 2G	
4G bands	B1/3/5/7/8/20/28
2G bands	B2/3/5/8
GNSS	
Unicore C6226	GPS, BDS, GLONASS Galileo, QZSS, SBAS
Positioning accuracy horizontal	< 2.0 m
Hot Start	< 1 s
Cold Start	< 28 s
Tracking sensitivity	-160 dBm
Data Update Rate	1 Hz
BLE	
Goodix GR5526 BLE	Low-power Bluetooth 5.3
Accelerometer	
ICM-42607-C	6 – axis accelerometer
Power/Battery	
Input voltage range	7-90 V
Li Polymer, 250 mAh	Report every 10 min – 24 hours (1 day)
	Report every 1 hour – 72 hours (3 days)
	Report every 12 hour – 240 hours (10 days)
Operating Environment	
IP rating	IP67
Operating temperature	-30°C to +75°C
Interface/Others	
USB type C	Power the unit and use for configuration
SIM	4FF, compatible eSIM
Memory	4 MB
LED indication	Power, Network, GNSS
Certification	
CE, Emark	