

AG50

The AG50 is an advanced telematics device for car sharing management, which integrates 4G LTE, GNSS wireless connectivity with CAN interface. It could read OBD parameters from car ECU and capture GNSS data then transmit to the backend sever (or user) for real time remote diagnostic and tracking purpose. In addition, the AG50 supports Wi-Fi, Bluetooth, Ethernet, dedicated external device interfaces.



Specification

Dimension	130 x 94.65 x 34.6 mm
Weight	240g
Power	Batteryless, Input : 12Vdc
SIM	1 Nano SIM
Interface	<ul style="list-style-type: none"> 1 x OBD (10pin) - 2 x CAN 2.0 (CAN FD – Optional) - Power - Ignition - GPIO (3 Pin) 1 x GPS Smart Antenna (4Pin x 1Port) 3 x RS232 (4Pin x 3Port) 1 x GPIO (4Pin x 1Port) 2 x Ethernet (RJ45) Port 1 x USB A (Host) 1 x USB C (Debuging) <p>(Optional) 1 x keybox Interface</p>
WWAN	<p>Korea</p> <ul style="list-style-type: none"> - LTE : B1, B3, B5, B7, B8 <p>Worldwide (Optional)</p> <ul style="list-style-type: none"> - LTE : 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 20(800), 28(700) - WCDMA : B1, B2, B4, B5, B8 - GSM/EDGE : B2, B3, B5, B8

GPS	Beidou, Galileo, GLONASS, GPS
WLAN	IEEE 802.11a/b/g/n/ac
WPAN	BT 5.0 BLE
Wired LAN	2 x 100/10Mbps Ethernet Support
Operating Temp.	-20°C to 70°C / -4°F to 185°F
Storage Temp.	-20°C to 70°C / -4°F to 185°F
Vibration	10 Hz to 60 Hz
Thermal Shock	-40°C to 70°C / -4°F to 158°F rapid transition 10 cycles (1 cycle = 1.25 hours at -40°C) and 1.25 hours at 70°C)
Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge
CPU	Qualcomm Snapdragon™ 450 octa-core 1.8GHz
Operating System	Android 11
Memory	2GB RAM / 16GB Flash
Notification	LED x 5
Key/Button	1 x Reset

* Specification subject to change without notice