

OVMS

Open Vehicle Monitoring System



www.openvehicles.com

OVMS Advanced User Guide
v3.2.0 (18th January 2019)

For OVMS Hardware Module v3.1 and Firmware v3.2.xxx (or later)

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Specific Absorption Rate (SAR) information:

This OVMS-33-7600G meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: OVMS-33-7600G has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the phone kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

EU importer information :

OpenEnergyMonitor

InTec F9

Ffordd y Parc, Parc Menai

Bangor

LL57 4FG

United Kingdom

This product can be used across EU member states.

Manufacturer: Open Vehicles Ltd

Specifications

Hardware Version: /

Software Version: /

Frequency Range: 2.4G WIFI: 2412MHz ~ 2472MHz(Max power: Rated 15.69dBm)

GSM 900: 880MHz ~ 915MHz(Max power: Rated 32.66dBm)

DCS 1800: 1710MHz ~ 1785MHz(Max power: Rated 29.75dBm)

WCDMA Band I: 1920MHz ~ 1980MHz(Max power: Rated 23.40dBm)

WCDMA Band VIII: 880MHz~915MHz(Max power: Rated 23.10dBm)

E-UTRA Band 1: 1920MHz ~ 1980MHz(Max power: Rated 22.80dBm)

E-UTRA Band 3: 1710MHz~1785MHz(Max power: Rated 22.40dBm)

E-UTRA Band 7: 2500MHz ~ 2570MHz(Max power: Rated 22.97dBm)

E-UTRA Band 8: 880MHz ~ 915MHz(Max power: Rated 22.40dBm)

E-UTRA Band 20: 832MHz ~ 862MHz(Max power: Rated 22.95dBm)

E-UTRA Band 28: 703MHz ~ 748MHz(Max power: Rated 22.37dBm)

E-UTRA Band 34: 2010MHz ~ 2025MHz(Max power: Rated 22.79dBm)

E-UTRA Band 38: 2570MHz ~ 2620MHz(Max power: Rated 22.96dBm)

E-UTRA Band 40: 2300MHz ~ 2400MHz(Max power: Rated 23.48dBm)

Receiver category: 3

Members applicability:

1. Extreme temperature: -20-45 °C

2.The device complies with RF specifications when the device used at 5mm from your body.

3.REG 2014/53/EU

Declaration of Conformity

Hereby, {Open Vehicles Ltd} declares that this {OVMS} product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the Declaration of conformity can be found at {www.openvehicles.com}

Please refer to the link for details of the manual:
<https://docs.openvehicles.com/en/latest/userguide/>
