Product supplement

Dear customer,

The CAN WiFi GW is intended to be used as an interface between a charging communication control unit on the vehicle side and the charging infrastructure. The CAN WiFi GW must only be operated together with a host control unit that has been explicitly approved by Vector. This product supplement is available in other languages under the following URL: [http://www.vector.com/ce/](http://www.vector.com/ce/)

1. Radio characteristics

The frequency bands with the corresponding maximum power levels are as follows:

- > 5170 – 5250 MHz (20dBm EIRP)
- > 5250 – 5330 MHz (20dBm EIRP)
- > 5690 – 5710 MHz (20dBm EIRP)
- > 5735 – 5835 MHz (14dBm EIRP)

2. Usage restrictions

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3. EU Declaration of Conformity

Vector Informatik GmbH herewith declares that the radio installation type CAN WiFi GW complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available under the following URL: [http://www.vector.com/ce/](http://www.vector.com/ce/)

4. Safety instructions

**Danger**

- Failure of safety-relevant functions due to insufficient data transmission. Serious injury or death. The device uses radio signals and is not approved for use in safety-relevant application areas. Insufficient WiFi network availability, faults or malfunctions in the device can cause erroneous data transmission. Therefore, reliable data transmission at any time and under all conditions cannot be guaranteed.

- > Never operate the device in machines or application areas where peoples’ lives depend on the proper functioning of the device.

- > Never exclusively rely on wireless devices for vital communication.

- > The device is intended for use in systems that have been assessed for conformity with the corresponding applicable statutory regulations prior to commissioning. The system integrator of the device is responsible for conformity with all regional statutory regulations and legal requirements.

- Explosion due to operation of electric devices in potentially explosive atmospheres. Serious injury or death.

- > Observe the applicable regulations and precautionary measures for explosive environments.

- > The antenna must not be installed close to highly flammable substances (e.g. fuel containers) and insufficiently shielded electronic devices.

- Failure of communication equipment in aircraft through high-frequency energy. Serious injury or death.

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Disconnect the power supply of the device before entering an aircraft.
Ensure that the device cannot be switched on unintentionally while on board the aircraft.

**Warning**
Faults in medical devices through high-frequency energy. Serious injury or death. Medical devices are sensitive with regard to interference from high-frequency energy. The functionality of pacemakers, other implanted medical devices and hearing aids may be impaired when the CAN WiFi GW is positioned too close to these devices.

- Observe the local regulations for using radio devices in hospitals or other medical facilities. Disconnect the power supply of the device if the local regulations for sensitive areas require it.
- Do not enter the immediate proximity of the activated CAN WiFi GW if you wear a pacemaker or any other medical device.
- Please contact a medical practitioner or the manufacturer if you have any doubts about potential hazards in order to confirm whether suitable shielding is available.

Overload damage due to fault. Serious injury or death.

- Protect the DC power supply circuit with a 5 A circuit breaker in the installation in order to limit the power in case of a fault.

Health impairment through high-frequency energy. Medium to light injury.

- The distance between antenna and persons during operation must be at least 20 cm.

**Note:** Faults in electronic devices through high-frequency energy

- Observe any special regulations and disconnect the power supply of the CAN WiFi GW when its use is not permitted or you have doubts whether its operation may cause faults or hazards.

**Note:** property damage

- The device must be installed, connected and commissioned by a qualified and trained person.
- Disconnect the device from all connections before handling it.
- Disconnect all independently supplied power circuits.
- The degree of protection IP65 can only be guaranteed when all connections of the device are fitted with connectors or their corresponding protective caps, when the device is not exposed to direct weathering and when it is not installed “upside down”.
- Never submerge the device in water or other liquids.
- The device must only be repaired by the manufacturer.
- The device must not be operated without antenna.
- Keep substances containing solvents away from the type plate.