

# User Manual

# Multicard Reader II



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## 1 Introduction

The INVERS Multicard Reader is an optional accessory, that can be used for customer identification. The Multicard Reader is deactivated during the journey. INVERS Multicard Reader is compatible with INVERS iBoxx and INVERS CloudBoxx.



***Please note that the Card Reader must be installed into a vehicle only by qualified staff!***

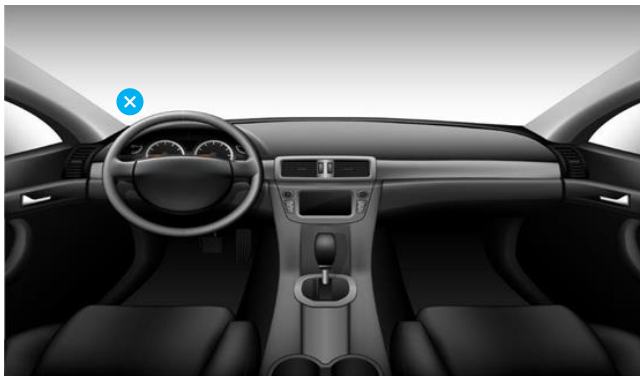


***The Card Readers is designed to be used only with INVERS Hardware.***

## 2 Technical data

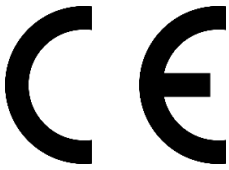
<b>Supply Voltage</b>	12V VDC (supplied from iBoxx or CloudBoxx)
<b>Frequencies &amp; max. power</b>	13.56MHz : 31 ±1 dBμA/m
	125KHz : 21 ±1 dBμA/m

## 3 Installation advice



- Make sure that the Multicard reader does not limit the field of view of the driver.
- Make sure that the suction cups are properly mounted to the windshield. In addition the Multicard Reader should be clamped between Dashboard and Windshield.
- No assembly in the impact area of the passengers or in the airbag inflation area.
- All components and cables must be fixed in such a way that under no circumstances may they block moving parts of the vehicle (pedals, wheels...).
- Connect the cable of the Multicard reader to the MCR port of the Cloudboxx or iBoxx

## 4 Certifications



Hereby, INVERS GmbH declares under our sole responsibility that the above described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED)

Link to the DoC: <https://invers.com/user-manuals>



### FCC Part 15 Notice

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception. 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.

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.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

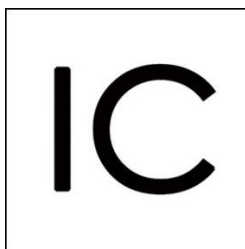
### Notice:

The FCC regulations provide that changes or modifications not expressly approved by INVERS GmbH could void your authority to operate this equipment.

These limits are designed to provide reasonable protection against harmful interference in an in-vehicle installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the system with respect to the receiver
- Move the system away from the receiver

If necessary, consult a representative of INVERS GmbH or an experienced radio/television technician for additional suggestions.



### Industry Canada (IC) Compliance Notice

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- L'appareil ne doit pas produire de brouillage ;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.