



# ISGUS Mifare Reader



## Integration Instructions

## Purpose

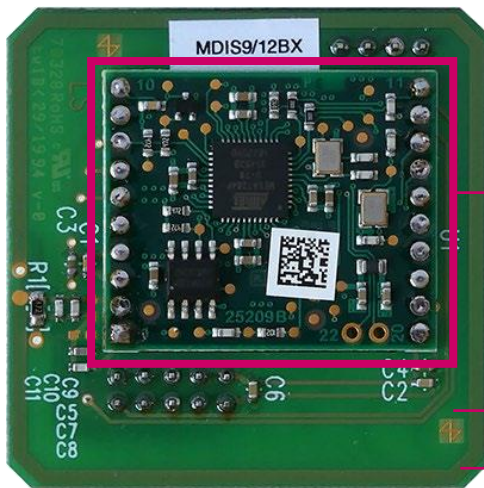
This document describes the measures required to integrate the ISGUS Mifare Reader into an ISGUS terminal and which regulations must be observed and fulfilled in order to introduce the terminal in the USA and Canada.

## » Product description

The ISGUS Mifare Reader is a RFID identification system in form of a pluggable module. The module consists of the OEM radio module PRIMO340 (manufactured by phg) and a PRIMO340 adapter with integrated loop antenna and antenna tuning network.

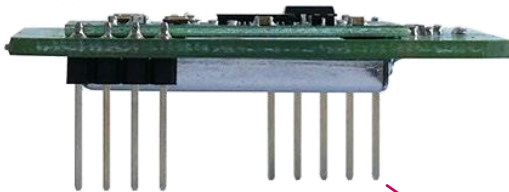
ISGUS Mifare Reader      Integration  
Instructions

OEM radio module PRIMO340



PRIMO340 adapter

Loop antenna



10-pole and 4-pole pin contact  
strips,  
12 mm



## Intended use

The reader is intended exclusively as a reading module for ISGUS time recording and access control terminals (host devices). Other areas of application deviating from this are considered contrary to the designated use.

## Regulations

The ISGUS Mifare Reader has been tested according to FCC and Industry Canada (IC) regulations for module approvals.

FCC ID: 2AVK6-MR527E01

IC: 25797-MR527E01

PMN: ISGUS Mifare Reader

HVIN: MR527E01

FVIN: 68075J

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

## User manual warnings and statements

Provisions, instructions and warnings that must be included in the User Manual of the host device.

FCC:

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.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canadian Radio Certification:

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

1. This device may not cause interference.
2. 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 :

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

### Testing of host device with approved reader

The manufacturer is responsible for ensuring that the host device has been tested and complies with the following rules and regulations.

- FCC47 CFR Part 15: Radio Frequency Devices (Subpart B and Subpart C)
- RSS-210 Issue 9 (10)
- ICES-003 Issue 6: Spectrum Management and Telecommunications. Interference-Causing Equipment Standard. Information Technology Equipment (Including Digital Apparatus) – Limits and Methods of Measurement

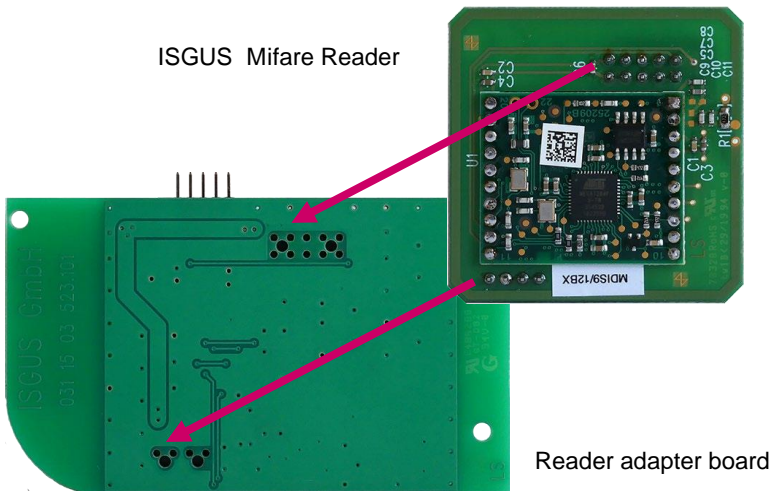
### » Labeling of the host device

Label on the case:

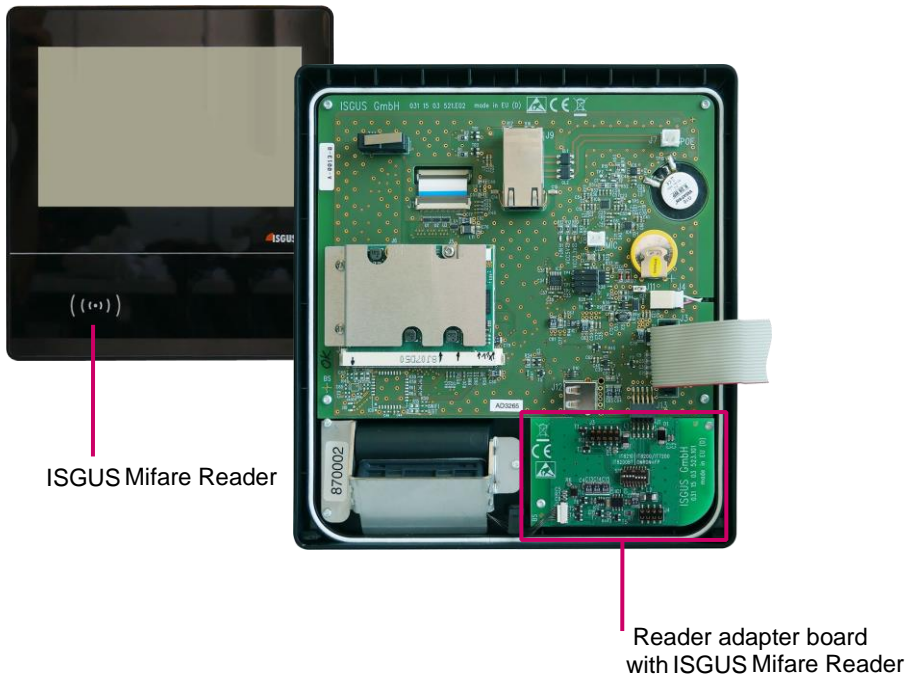
Contains FCC ID: 2AVK6-MR527E01  
Contains IC: 25797-MR527E01

### » Installation

The ISGUS Mifare Reader is pluggable connected to the reader adapter board.



Installation and integration of reader adapter board into IT 82xx (Fig. IT 8210):



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