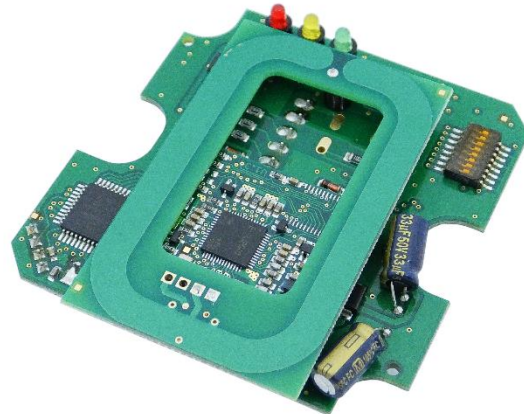**Datasheet**

Integration PCB MCR Multi ISO

The RFID integration PCB MCR (Multi Card Reader) Multi ISO was developed for universal and easy integration into existing housings.

A wide selection of software programs and interfaces allows this reader to be used in all kinds of applications.

The integration PCB MCR Multi ISO reader is available with the following interfaces: **USB HID Keyboard emulation, RS232, RS485, Wiegand, Clock/Data**

An additional screw terminal is supplied for the connection terminal integrated on the rear. This simplifies installation.

Highlights:
  ➢ Integrated antenna
  ➢ LED and Beeper on board
  ➢ Firmware Upgrade possible
  ➢ Also available as fully potted assembly reader in a housing

Technical specifications	
Operating voltage	5V DC via USB 12V – 24V DC
Power consumption	< 125 mA
Operating frequency	13,56 MHz
Operating distance	Up to 10 cm*
RF Antenna	Integrated
Status	3x LED 1x Beeper
Interface options	USB HID (Keyboardemulation) RS232 RS485 Wiegand Clock / Data

*Reading distance depends on tag and environment conditions

Mechanical specifications	
Dimensions (Lx Bx H)	76 x 76 x 10 mm
Weight	34 g

Environmental conditions	
Operating temperature	- 20°C up to + 60°C
Storage temperature	- 20°C up to + 70°C
Humidity	up to 95%, non-condensing

Supported Standards	
ISO 14443 A / B and compatible	LEGIC® Advant 1024 / 2048 MIFARE® Classic/1K/4K MIFARE Ultralight®/C MIFARE® DESFire®EV1/2M MIFARE® Plus S / X NTAG 21x
ISO 15693 and compatible	LEGIC® Advant 1024 / 2048 NXP I-Code SLI NXP I-Code SLI-S NXP NTAG 20x

Accessories
Screw terminal