Datasheet

RFID MCR LEGIC

The fully potted RFID mounting reader MCR (Multi Card Reader) LEGIC was developed for easy installation on 55 mm switchbox or for surface mounting (frame supplied).

Thanks to a variety of software programs and interfaces, this mounting reader can be used universally.

The MCR LEGIC 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.
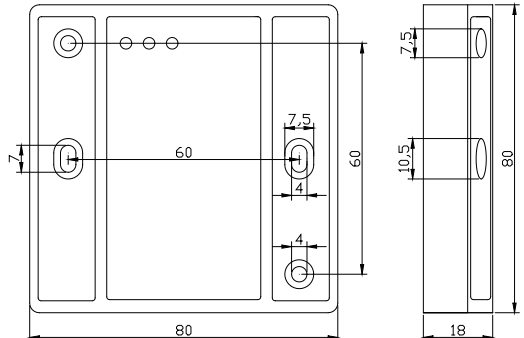
Highlights:
- ➢ Integrated antenna
- ➢ LED and Beeper on board
- ➢ Firmware upgrade possible
- ➢ Also available as PCB without housing
- ➢ Protection class IP65 depending on installation type

Technical specifications

Technical specifications	
Operating voltage	5V DC via USB 12V – 24V DC
Power consumption	<55 mA Standby < 96 mA Field on with Transponder < 126 mA peak max
Operating Frequency	13,56 MHz
Operating distances	Up to 10 cm*
RF Antenna	Integrated
Status	3x LED 1x Beeper
Interface options:	USB HID (Keyboard emulation) RS232 RS485 Wiegand Clock / Data

* Reading distance depends on tag and environmental conditions

Mechanical specifications

Mechanical specifications	
Dimensions (Lx Bx H)	80 x 80 x 18 mm 80 x 80 x 34 mm (incl. mounting frame)
Weight	192 g
Housing	ABS
Colour	white black
Full encapsulation	
Protection class	IP65 depending on installation type

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	
LEGIC® Prime	LEGIC® MIM 256 / MIM 1024
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
Inside contactless	HID iClass
Sony Felica	
ISO18000	

Included accessories
Surface-mounted frame
Screw clamp
Set of side stripes
2 screws for installation without surface-mounted frame