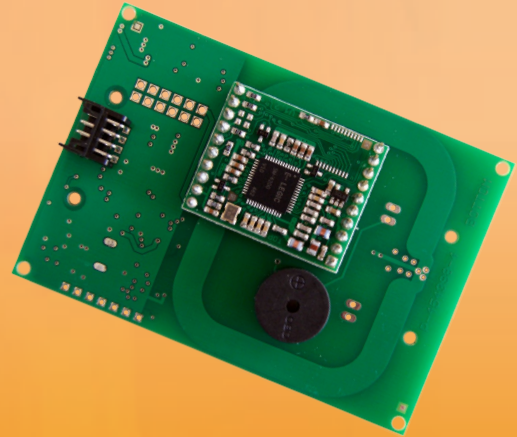


LEGIC Reader R800



Applications

- Payment
- Access Control
- Ticketing

Features

- Compliant to ISO 15693, ISO 14443A/B and LEGIC Prime/Advant
- Interfaces TTL, RS232, USB, USB (HID)

Description

The LEGIC Reader R800 from iDTRONIC is a 5V reader with integrated antenna. It offers full LEGIC Prime and Advant support. Furthermore ISO 14443A/B as well as ISO 15693 transponders are backed.

The LEGIC R800 can be equipped with a choice of different interface options. TTL, RS232 and various USB versions are available.

Depending on the reader configuration, a LEGIC or iDTRONIC SDK are provided.

Technical Data

Electrical Specifications

Power Supply	DC 5V
Interface	TTL / RS232 / USB / USB (HID)

Mechanical Specifications

Dimensions	80 x 56 x 10 mm
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Environmental Conditions

Operating Temperature	-20°C to +70 °C
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Applicable Standards

EMC	EN 301489-1:2012-04 (v1.9.21) EN 301489-3:2013-12 (V1.6.1)
Radio Regulation	EN 300330-1:2015-08 (V1.8.1) EN 300330-2:2015-08 (V1.6.1)
Safety	EN 60950-1:2014-08 EN 62369-1:2010-03 EN 50364:2010-11
RoHS	EC Guideline 2011/65/EU
Certificates	FCC, CE

SDK Information

Supported OS by FTDI USB VCP Driver	Windows Server 2008/2012 R2 x64 Windows 7, 8, 8.1, 10 Windows RT Windows CE (CE 4.2-5.2, 6.0/7.0, 2013) Linux Mac OSX Android
Supported OS	Windows 7, 8, 8.1, 10
Supported Languages	C++, .NET
Demo Software	Windows

Supported Standards / Tags

ISO 15693, ISO 14443 A/B, LEGIC Prime/Advant
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*Reading distance depends on tag, antenna and environmental conditions

Order Codes

Version	Order Code
TTL	OEM-LEG-R800-TTL
RS232	OEM-LEG-R800-232
USB FTDI	OEM-LEG-R800-USB-FTDI
USB FTDI (tunneled)	OEM-LEG-R800-USB-FTDI-D
USB (HID)	OEM-LEG-R800-USB-HID

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