



KTSSYSTEME



USB HID Reader

LCSRR1356-004

The KTS USB HID Reader is a 13.56MHz RFID reader with a built-in ferrite core antenna. It uses a high performance RFID transceiver IC, combined with the proven, robust KTS RFID embedded software stack. The RFID transceiver includes a powerful RF front-end with up to +23dBm (200mW) of output power, along with a dual channel receiver for improved reading performance.

The reader is USB bus-powered and requires no additional power source, allowing it to be used flexibly with any USB host device. The USB HID virtual keyboard interface allows reading of ISO15693 RFID transponders without the installation of any additional drivers on most modern operating systems – including most smartphones and tablets. Simply plug it in and begin streamlining your RFID data entry tasks.

The built-in high performance antenna is capable of reading all common tag sizes, as well as plug-type transponders embedded within metallic objects. A mechanical on/off switch simplifies operation of the reader with mobile operating systems, allowing the user to switch between the reader's HID keyboard for tag input, and the mobile device's keyboard for manual text input.

Technical Specifications

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Product type	USB RFID Reader with HID virtual keyboard
Operating frequency	13.56 MHz
Antenna connection	Integrated ferrite rod antenna
RF output power	Up to +23dBm / 200mW
Power supply	USB Bus Powered
Power consumption	130mA avg.
RFID standard support	ISO 15693
Anticollision	Supported
Standard host interfaces	USB 2.0
USB connection modes	HID virtual keyboard mode
Product certifications	CE Certified
Dimensions	56 x 20 x 12 mm [LxWxH]
Weight	12g
Order number	LCSRR1356-004

Signal LED

The USB RFID Reader comes with a multi-color signalling LED. The following signal patterns are available:

LED Patterns

Fast orange blinking	Host driver initialization in progress – please do not disconnect or turn off the reader at this time
Slow green blinking	Ready to read transponder
Solid orange	Transponder recognized, transmitting UID

Slow green blinking: Ready to read transponder

Fast orange blinking: Host driver initialization in progress – Do not remove or turn off reader at this time

Solid Orange: Transponder recognized