



## RFID Kit reader ISO 15693/14443

Based on the RWOSS reader

### Features

<b>Box</b>	Dimensions	150 x 132 x 37 mm
	Weight	~300 g
<b>Power Supply</b>	Supply voltage	USB power (+5 V DC)
	Current consumption *	~200 mA with active RF
	Connectors	USB type B
<b>RF</b>	Frequency	13,56 MHz
	RF Power	~ 150 mW
	Supported Protocols (RW)	<ul style="list-style-type: none"> <li>▪ ISO 15693</li> <li>▪ ISO 14443 A - Mifare® Standard &amp; Ultralight family</li> <li>▪ ISO 14443 B - ST SRI family</li> </ul>
	Security	Internal storage of 32 write-only mifare keys
	Reading range *	Approx. up to 15 cm ISO15693, up to 8 cm ISO14443
<b>Microcontroller</b>	Type	RISC 8 bit
	Flash	32 KB
	RAM	2 KB SRAM
	EEPROM	1 KB
<b>Interfaces</b>	USB	Serial to USB bridge. B Type connector Virtual COM port driver
<b>I/O</b>	LED (inside box)	Power-on led USB RX/TX activity General purpose led
	Buzzer	Piezoelectric
<b>Antenna</b>	Type	Circular loop. No tuning required.
	Dimensions	Ø 120 mm
	Product code	A0KIT
<b>SDK</b>	Comm. protocol	Full documentation
	Libraries & docs	C, C#.net, Java binaries and sources
	Demo applications	Reader Control Panel, Card ID, Scan Manager
<b>Firmware</b>	Upgradeable	In-field by serial port
	Operating modes	Host controlled, automatic scan.

\* depends on antenna type, tag size and environment

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