

USB Stick Reader “EVO”

iDTRONIC's new USB Stick Reader “EVO” is a small, handy and simple RFID Reader for your USB equipped terminal and Laptop. This USB Stick Reader is available in LF, HF and UHF version. Using USB 2.0 interface it guarantees high-speed data transfer.

It is useable for many different applications.

Available versions:

- LF Multitag - Supports 125kHz Read Only and Read / Write tags
- HF Multitag - Supports ISO15693, ISO14443A/B and Mifare tags
- UHF Multitag - Supports ISO18000-6 B/C tags incl. Class1 Gen2



The UHF version supports all ISO 18000-6 B/C tags and works at the common UHF frequencies from 840 – 960 MHz (including EPC Gen2), which makes it usable in Europe, US and Japan.

The iDTRONIC USB Stick “EVO” comes with full SDK and MS Windows based application SW.

Applications:

- Desktop Readers / Encoders
- Network Access Control
- Access Control
- Logistics

Product specification LF / HF version:

Interface:	USB
Dimensions:	84 x 35 x 9mm
Integrated antenna:	Yes
Operating system:	MS Windows XP, Linux
Power Supply:	5Vdc/60mA - Bus-self powered
Signals:	1 two colour LED
Application temperature:	-20°C...+50°C
Supported transporters (HF Multitag version):	ISO15693 tags ISO14443AB tags NXP I-Code SLI NXP Mifare family TI-Tag-it HFI
Supported transporters (LF Multitag version):	EM 4102 EM 4550 NXP Hitag 1/2 / S
Reading range:	Up to 5cm
Order number:	R-STICK-HF R-STICK-LF

Product specification UHF version:

Material:	<i>Robust ABS housing</i>
Weight:	<i>30g</i>
Dimensions:	<i>120 x 34 x 15 mm</i>
Software Kit:	<i>Testing Software for Windows XP SDK for Linux and Windows Source code for example applications (Linux and Windows) Scan library with .dll file and .lib file Different user manuals for hard- and software</i>
Software compatibility:	<i>C# and Microsoft Visual Studio 2005</i>
Operating frequency:	<i>840-960MHz (Software selectable)</i>
Max. power:	<i>20dBm (can be regulated with SW)</i>
Supported tags:	<i>ISO 18000-6 Part B /C (including C1G2)</i>
Host interface:	<i>USB 2.0</i>
Power Supply:	<i>5V 470mA (Scanning), 210mA (Standby)</i>
User interface:	<i>Multi-Colour LED</i>
Operating temperature:	<i>-10°C to + 60°C</i>
Built in antenna:	<i>Linearly polarized</i>
Order number:	<i>R-STICK-UHF</i>