

R830 UHF RFID USB Reader

The UHF Stick Reader R830 is a small, handy and simple RFID Reader with integrated antenna. Using USB 2.0 interface it guarantees high-speed data transfer. It supports ISO18000-6C tags incl. EPC Class1 Gen2.

Thanks to its frequency band from 865 to 928 MHz, the UHF Pen Stick Reader complies with the ETSI & FCC standard. It is perfect for desktop or identification applications.

The R830 comes with full SDK (reader host protocol, DLL, source code) and MS Windows based demo software.

Technical Data

Mechanical Specifications

Dimensions: 80 × 21 × 12 mm

Electrical Specifications

Power Supply: 5VDC via USB

Power Consumption: < 350mA

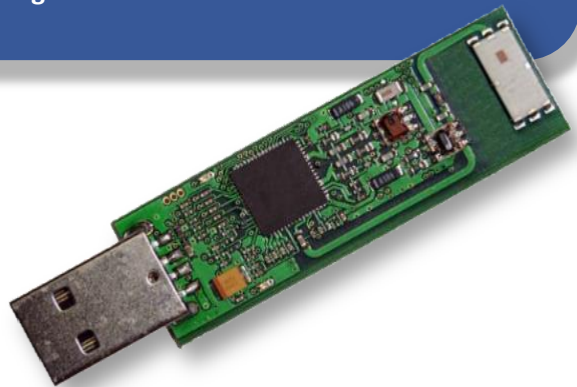
Operating Frequency: 865 to 928MHz (ETSI & FCC)

Max. Power: +20dBm / 100mW
(software adjustable)

Host Interface:	USB 2.0
Built-in Antenna:	Linear polarized

Applications

- Desktop Readers / Encoders
- Access Control
- Logistics



Operating Distance: Up to 15 cm (depending on type of transponder)

Environmental Conditions

Operating Temperature: -20 °C to +50 °C

Humidity: 5 % to 95 %

Supported Transponders:

ISO18000-6C

EPC Class 1 Gen 2

Supported Platforms:

Languages: C++, C#, .net, Java