

UHF Stick Reader R830



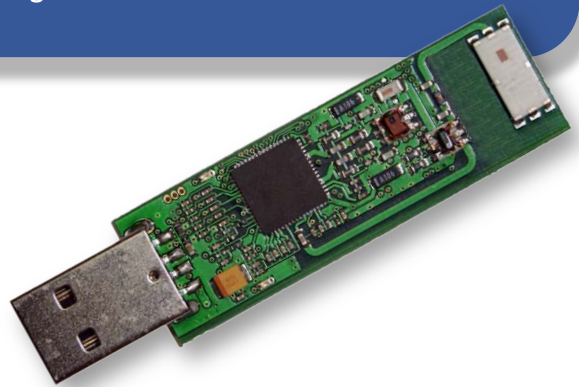
iDTRONIC's UHF Stick Reader R830 is a small, handy and simple RFID Reader with integrated antenna. Using USB 2.0 interface it guarantees high-speed data transfer. It supports ISO18000-6C tags incl. EPC Class1 Gen2.

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.

Applications

- Desktop Readers / Encoders
- Access Control
- Logistics



Technical Data

Mechanical Specifications

Dimensions: 80 × 21 × 12 mm

Electrical Specifications

Power Supply: 5VDC via USB
Power Consumption: < 350 mA
Operating Frequency: 865 to 928MHz (ETSI & FCC)
Max. Power: +20dBm / 100mW (software adjustable)
Host Interface: USB 2.0
Built-in Antenna: Linear polarized

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

Order Code

OEM-UHF-R830-USB-SR01