

# UHF Stick Reader R830



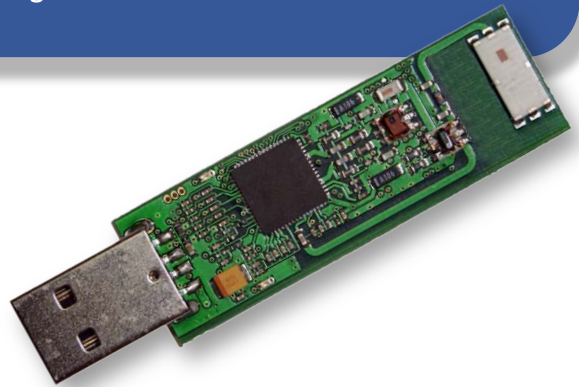
Stick Reader R830 is a small, handy and simple UHF RFID Reader with integrated antenna. Its USB 2.0 interface guarantees high-speed data transfer. R830 Stick Reader supports ISO18000-6C tags incl. EPC Class1 Gen2.

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. Hardware based HID is optional.

## 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

Basic Version: OEM-UHF-R830-USB-SR01  
HID Version: OEM-UHF-R830-USB-SR01-HID