

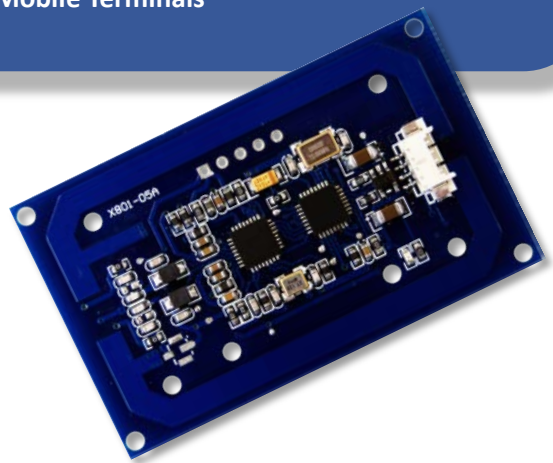
The iDTRONIC embedded HF Reader R835 has been designed to support ISO 14443 A + NXP MIFARE family tags. It is a full Read/Write device which is compliant to MS Windows, Linux and Android devices. The R835 is useable for many different applications. Thanks to its integrated antenna, it achieves reading distances of up to 10cm (depending on type of transponder).

With its 3.3 voltage power supply it is suitable for low power applications (for example mobile or standalone devices).

The iDTRONIC HF Reader R835 comes with a full SDK and MS Windows based application SW.

Applications

- Ticketing
- Payment
- Access Control
- Mobile Terminals



Technical Data

Mechanical Specifications

Dimensions: 58 × 34 × 5 mm

Electrical Specifications

Power Supply: 3.3 VDC (±5 % regulated)

Power Consumption: < 10 mA

Antenna: integrated

Reading Distance: up to 10 cm (depending on tag and antenna type)

Operating System: MS Windows, Linux, Android

Interface: TTL

I/O's: 4

Supported Standards / Tags

ISO 14443A

NXP MIFARE® family

Environmental Conditions

Operating Temperature: -20 °C ... +70 °C

Storage Temperature: -20 °C ... + 80 °C

Humidity: 5 % to 95 %

Order Code

OEM-MF-R835-TTL