



HF Reader R835

Applications

- Ticketing
- Payment
- Access Control
- Mobile Terminals

Features

- Integrated Antenna
- Reading range up to 7cm
- SDK and Windows based application are supplied

RFID Options

- ISO 14443 A
- NXP MIFARE ®

Description

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 5V Reader R835 is useable for many different applications. Thanks to its integrated antenna, it achieves reading distances of up to 7 cm (depending on type of transponder).

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

Technical Data

Electrical Specifications	
Power Supply	DC 5 V
Power Consumption	< 10 mA
Antenna	integrated
Reading Distance	up to 7 cm (depending on tag and antenna type)
Operating Systems	MS Windows, Linux, Android
Interface	TTL (UART)
I/O's	4

Physical / Environmental Specifications	
Dimensions	58mm x 34mm x 5mm
Operating Temperature	- 10° to +70°C
Storage Temperature	-20° to +80°C
Humidity	5% to 95%

Order Codes

Version	Order Code
OEM MF Reader TTL (Mifare)	OEM-MF-R835-TTL
Accessoires	Order Code
OEM HF Connecting Cable M8	OEM-HF-M8-CC
OEM HF Converter TTL / USB 5 V	OEM-HF-M8-CONV-5V

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