

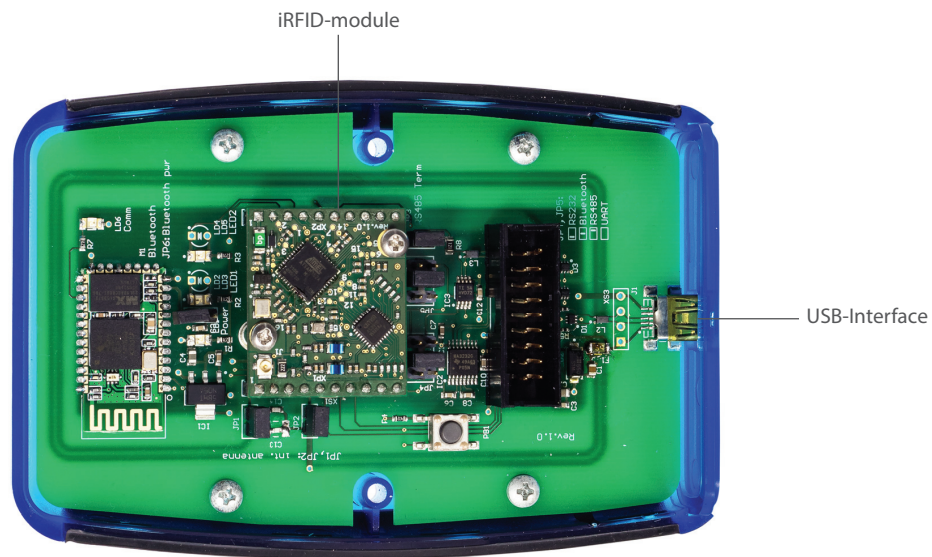


USB RFID HF-Reader Quick-Start-Kit

## iRFID-QSK

- Out-of-the-Box user experience
- Industry leading read / write distance
- USB 2.0 client, 12 Mbps interface
- Powerful software tools, incl. APIs and SDKs
- Designed, Engineered and Manufactured in Germany

## USB RFID HF-Reader Quick-Start-Kit iRFID-QSK



### Description

The iRFID-QSK Evaluation-Kit provides a RFID HF-reader with build-in antenna and USB interface to design fully featured RFID applications.

Standard firmware supports all major industry standard protocols and interfaces.

A Software Development Kit (SDK), Firmware compatibility and extensive documentation will allow smooth integration into a variety of software environments and ease migration of platforms over a long term product lifecycle.

### Typical Verticals

Point of Sales (POS):	Ticketing, Inventory Control
Point of Information (POI):	Portable Readers
Industrial Automation:	Access Control
Medical & Healthcare:	Authorization & Identification
Logistics:	Supply Chain Management

## USB RFID HF-Reader Quick-Start-Kit iRFID-QSK

### Technical Information

Protocols	• ISO15693, ISO14443A/B, ISO18092, DES-Fire, Felica, EMVCo
Antenna	• Internal
Transmitting Power	• Up to 1000 mW, Software configurable
Operating Frequency	• 13.56 Mhz
Read Distance	• Up to 18 cm (controlled by antenna type and environmental conditions)
Write Distance	• Approx. 100 % of reading distance
I/O Pins	• 5 software controllable and configurable GPIO pins
Software Support	• SDK & libraries for Windows and Linux
Host Interface	• USB HID, USB CDC (Virtual Serial Port)
Specifications	<ul style="list-style-type: none"> <li>• Physical (W x L x H) Weight 100 g, 78 mm x 117 mm x 25 mm</li> <li>• Electrical <ul style="list-style-type: none"> <li>Voltage Input: USB Powered</li> <li>Input current: Operating = 215 mA, Idle = 60 mA, Sleep = 20 µA</li> </ul> </li> <li>• Environmental Operating Temperature 0 °C to +40 °C</li> </ul>

### Ordering Information

Article	Part.-No.	Description
iRFID-QSK	10000E-00-01-01	Quick-Start-Kit incl. iRFID-EC + iRFID-M, incl. USB-connection cable and enclosure, Commercial Temperature 0 °C to +40 °C