

iDTRONIC Professional RFID: **Year in Review 2022 | Forecast 2023**



Christmas is just around the corner and iDTRONIC Professional RFID looks back on a good year full of **exciting trade show days** and **successful product launches**. We would like to take this opportunity to thank all our customers and partners for the trust they have placed in us and for the pleasant cooperation.

We would like to use this review of the year as an opportunity to present our **highlights from 2022** once again and to give you a brief preview of our **plans for 2023**.

REVIEW & HIGHLIGHTS 2022

► TRADE FAIR REVIEWS

This year, we were represented at a total of three trade fairs. One of our trade fair highlights was the **electronica TradeFair in Munich in November**. For the first time, we exhibited here with our embedded RFID modules and RFID mobile computers. The demand and visitor rush were enormous and we were able to get some interesting leads. In June, we were at the **embedded world trade fair in Nuremberg** with our OEM RFID readers. Also here we exhibited for the first time, focusing on our embedded RFID modules and some RFID readers. At the end of October we were - *as in the years before* - at the **RFID Wireless IoT tomorrow in Wiesbaden**. We have been working successfully with RFID WIOT Search for years and also use the network for the targeted publication of press releases or white papers and the placement of advertisements.



► [Trade Fair Review Videos](#)

▶ PRODUCT LAUNCHES & NEW FEATURES

RFID Wall Reader: HF | NFC Access Reader – NEO



Thanks to the **newly designed hardware**, the RFID reader supports over 95% of the currently available HF | NFC transponders with **reading ranges of up to 5 cm**. The integrated **LED display with green signal light** indicates the successful detection of RFID tags and transponders. The **RS485 MODBUS or USB interface** securely transmits the data to a host system. The RFID wall reader is suitable for **employee registration at machines, access authorization to safety-relevant areas** or the **time recording of working hours of personnel and employees**.

▶ [Explore more](#)

RFID Reader: LEGIC Desktop Reader – NEO 2



The new LEGIC RF standard provides **full read and write access for all LEGIC Prime and Advant transponders** with **Card in Card (CIC) technology** of the LEGIC Advant type A. Due to the integrated **SM4200 chip** it is also able to read UIDs with **MIFARE® chip**. Another function is the **reading and writing of already segmented LEGIC transponders**. Optionally, the RFID reader is also available with an **SM4500 chip for additional segmentation and initialization of LEGIC transponders and the generation of master tokens**.

▶ [Explore more](#)

RFID OEM Reader: HF | NFC Embedded Reader – R835



The **MIFARE® DESFire version** now supports **RS485 and USB (+HID) interfaces**. The powerful and cost-effective OEM RFID reader series for integration into **vending machines, medical diagnostic devices** or **EV charging stations** supports **MIFARE® Classic Mini/1K/4K, Ultralight, Ultralight C, Ultralight Nano, DESFire EV1, DESFire Light, Smart MX, Plus S / X, Pro X, NTAG 21x, NTAG 424** as well as **EMxxx or I-Code SLI/SLIX/DNA** tag and transponder technologies.

▶ [Explore more](#)

FORECAST & HIGHLIGHTS 2023

▶ PLANNED PRODUCT LAUNCHES

RFID Lock: HF | NFC Automotive Reader – NEO



The **HF | NFC Automotive Reader - NEO** is a battery powered RFID reader that can be used as a lock for EV mobility scooters, electric cars or e-bikes. The integrated HF and NFC reader supports **DESFire and NFC tags** and transponders. During production, you can reprogram DESFire tags to RFID keys. It communicates with **CANbus (SAE J1939 or CANopen)**.

New UHF Embedded Modules with latest Impinj Chipset



Together with our partner we have developed new high performance **RFID UHF Read & Write modules** with the latest **Impinj E310 and E710** chipset. The high-performance RFID OEM modules are especially designed for **integration into mobile handheld computers** or **stationary RFID readers**. The embedded modules are partially equipped with a **4-channel antenna connector** for the connection of **SMA antennas**.

New Versions: RFID Desktop Reader – NEO 2



The **RFID Desktop Reader - NEO 2** will also be available as **RFID UHF version** from next year - as optimized successor to our RFID Desktop Reader EVO. Optionally, we offer a **dual-frequency option with HF + LF in one device** for the **RFID HF or LF version** of the **RFID Desktop Reader - NEO 2**.

► Would you like to learn more about our RFID products?

PRODUCT REQUESTS



Patrick Kochendörfer

Phone: +49 621 66900 94 – 21

E-mail: patrick.kochendoerfer@idtronic.de

MEDIA REQUESTS



Maria Mahler

Phone: +49 621 66900 94 – 11

E-mail: maria.mahler@idtronic.de



The team of iDTRONIC Professional RFID
wishes you **a merry and peaceful Christmas**
and a healthy and **successful new year 2023!**

