Product number: 68951

NFC Reader / Writer uFR XL OEM - white - extra long range



Product information

The uFR XL is the enlarged version of the uFR Classics and impresses with a higher reading range and has 4 RGB Leds to clearly display the reader activity.

The uFR XL supports all common standards and NFC tag types and can both read and write NFC tags. It can be easily connected to the system via the Micro-USB interface (USB to Micro-USB cable included). The reader is primarily aimed at developers and system integrators, as it communicates with the system via its own SDK and does not rely on the PC/SC standard. The advantage of the own protocol is the higher abstraction of the NFC functions, which can significantly accelerate the development of the desired functionalities.
Compared to other NFC readers, the D-Logic uFR XL impresses with a high range, which is achieved by your large RF field. This can significantly increase the reading range for common tag types (with antenna size 15mm+). Readiness and reading status are displayed by LED / LED pulsing. The PCB has a micro USB connector and four screw holes for easy integration.
The uFR XL Reader has a detailed and well-maintained SDK (public GIT repository) that supports integration into your own application. We are D-Logik sales and development partner, feel free to contact us for individual feature and hardware requests.

Functions of the NFC USB Reader (D-Logic uFR XL)

- Communication: 13,56 MHz
- Compatible to: ISO 14443 Type A and B, ISO/IEC 18092, MIFARE Mini, MIFARE Classic, MIFARE Ultralight, MIFARE Plus, MIFARE Desfire (EV1, EV2), NXP NTAG, NXP NTAG DNA, NXP JCOP Java Card
- Usage: Plug & Play device with a micro USB interface
- Write speed: up to 848 kbps (depending on standard)
- Read distance: up to 200 mm (depending on NFC tag type)

Product properties

Product number	68951
Weight	0.125kg
Standards	MIFARE Mini , ISO 14443-3A , NTAG Serie , NXP JCOP Jca Card , FeliCa , ISO/IEC 18092
Interface	USB-A
Frequency	13.56 MHz
Case color	white
Reader form	uFR XL (178 mm x 178 mm x 5 mm)
Further links	hardware , nfc21tools

More images

