



arfiDesk-NFC-14443
HF/NFC
Desktop Reader Writer
13,56 MHz
USB Interface
ISO14443A/B
ISO18092

Product:	HF/NFC RFID Low Range Desktop Reader /Programmer with integrated antenna and USB-Interface for short distance reading of 13.56 MHz HF/NFC ISOCards, KeyFobs all kind of ISO14443 TAGs.	
RFID HF/NFC TAGs/Chips supported:	ISO14443A/B Mifare-Series, NTAG-Series, FeliCa etc.	
Typical Read Range:	Up to 50 mm	(Depends on RFID TAG type/shape)
Frequency:	13.56 MHz	(At room temperature 20°C)
Standards:	ISO14443, ISO18092	
Operating Systems:	Windows™ 7, 10 , CE 5.0 6.0	Android™ OS 3.1 and above
Dimensions / Housing / Weight:	98 x 65 x 13 mm 70 g	IP44 White housing
Interface (Protocols):	USB 2.0 Full Speed	
Read Write Speed:	Up to 424 kbps	
Power Supply Voltage:	5 V DC 200 mA	
Current:	200 mA (operating); 50 mA (standby); 100 mA (Normal)	
Signalling:	Bicolor LED Green: TAG READ; Red: No TAG	Buzzer
Operating/Storage Temperature:	0°C ... + 60°C	-25°C ... + 60°C
Compliance:	CE EN60950/ISO 60950, CCID	RoHS ✓
Part Description:	arfiDesk-NFC-14443	

Windows™ is a Registered Trade Mark of Microsoft Corp.

Android™ is a Registered Trade Mark of Google Corp.

arfidex GmbH | Adlerstr. 2 | D-63322 Rödermark | Germany | Phone: +49 (0) 6074 861930

<https://www.arfidex.de> | info@arfidex.de

© arfidex makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its products and services for any particular purpose, nor does arfidex assume any liability whatsoever arising out of the application or use of any product or circuit. The products sold hereunder and any other products sold by arfidex have been subject to limited testing and should not be used in conjunction with mission-critical equipment or applications. Any performance specifications are believed to be reliable but are not verified, and Buyer must conduct and complete all performance and other testing of the products, alone and together with, or installed in, any end-products. Buyer shall not rely on any data and performance specifications or parameters provided by arfidex. It is the Buyer's responsibility to independently determine suitability of any products and to test and verify the same. The information provided by arfidex hereunder is provided "as is, where is" and with all faults, and the entire risk associated with such information is entirely with the Buyer. arfidex does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other IP rights, whether with regard to such information itself or anything described by such information. Information provided in this document is proprietary to arfidex, and arfidex reserves the right to make any changes to the information in this document or to any products and services at any time without notice.



arfiDesk-NFC-14443

HF/NFC

Desktop Reader Writer

13,56 MHz

USB Interface

ISO14443A/B

ISO18092

This NFC reader is a PC-linked contactless smart card reader/writer developed based on 13.56 MHz Contactless (RFID) Technology. Compliant with the ISO/IEC18092 standard for Near Field Communication (NFC), it supports not only MIFARE® and ISO 14443 A and B cards, but also all four types of NFC tags.

The arfiDesk-NFC-14443 is compliant with both CCID and PC/SC. Thus, it is a plug-and-play USB device allowing interoperability with different devices and applications. With an access speed of up to 424 kbps and a full USB speed of up to 12 Mbps, The arfiDesk-NFC-14443 can also read and write more quickly and efficiently.

Software: There are some open source software tools available which allows users to start directly working with the device. If customers want to do their own application API and SDK are available on request.

APPLICATIONS:

- ◆ Reading and Writing of HF/NFC ISOCard, Keyfob and all kind of other NFC TAGs
- ◆ Access Control
- ◆ Industrial ID
- ◆ Industrial Access Switch
- ◆ Programming of NFC TAGs
- ◆ Time Attendance
- ◆ Your application

arfidex GmbH | Adlerstr. 2 | D-63322 Rödermark | Germany | Phone: +49 (0) 6074 861930

<https://www.arfidex.de> | info@arfidex.de

© arfidex makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its products and services for any particular purpose, nor does arfidex assume any liability whatsoever arising out of the application or use of any product or circuit. The products sold hereunder and any other products sold by arfidex have been subject to limited testing and should not be used in conjunction with mission-critical equipment or applications. Any performance specifications are believed to be reliable but are not verified, and Buyer must conduct and complete all performance and other testing of the products, alone and together with, or installed in, any end-products. Buyer shall not rely on any data and performance specifications or parameters provided by arfidex. It is the Buyer's responsibility to independently determine suitability of any products and to test and verify the same. The information provided by arfidex hereunder is provided "as is, where is" and with all faults, and the entire risk associated with such information is entirely with the Buyer. arfidex does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other IP rights, whether with regard to such information itself or anything described by such information. Information provided in this document is proprietary to arfidex, and arfidex reserves the right to make any changes to the information in this document or to any products and services at any time without notice.