



arfiDesk DR1356-NFC-14

13,56 MHz

ISO14443A&B

RFID HF / NFC

USB

Reader / Writer

Product:	Desktop USB RFID/NFC Reader / Writer for 13,56 MHz ISO14443 A&B NFC TAGs	
RFID / NFC TAGs supported:	NXP Mifare series Classic, Ultralight FeliCa, NFC TAGs	
Read Range:	Up to 50 mm	(Depends on RFID TAG type and shape)
Frequency:	13,56 MHz	(At room temperature 20°C)
ISOStandards:	ISO14443 A&B, ISO18092 NFC	
Dimensions / Weight	Housing: 98 x 65 x 12.8 mm	81 g / Black
Colour:	Antenna: 50 x 40 mm	
Interfaces:	USB (12 Mbps) Smartcard Interface (106 / 212 / 424) Kbps	SAM Card Interface: SIM size Card Slot ISO7816 Class A R/W Speed: 9.6—215 Kbps
Power Supply:	USB 2.0 (Cable length 1 m)	
Status Indicator:	1 x bi-color Red/Green LED	Buzzer: Monotone
Operating / Storage	0°C ... + 60°C	
Temperature/Humidity:	Max. 90% Non condensing	
Device Driver Operating System Support:	Windows® 10 Linux®, Mac OS®, Android™ 3.1 and later	
Certification:	CE	RoHS ✓
Part Description:	arfiDesk DR1356-NFC-14 (ISO14443A)	

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13,56 MHz
ISO14443A&B
RFID HF / NFC
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This RFID reader is used by system integrators or endusers to read and write HF 13,56 MHz ISO14443A (NFC tags), and to send the data to Windows, Mac host PC, tablet etc. The arfiDesk DR1356-NFC-14 is a PC-linked NFC Reader that is NFC Forum–certified. It is capable of the three NFC modes of operation, namely, Card Reader/Writer, Card Emulation, and Peer-to-Peer Communication. It is PC/SC-compliant allowing interoperability and has a built-in SAM (Secure Access Module) slot which can be used for key diversification and mutual authentication providing high level security in contactless transactions. Post-deployment firmware upgrade is also supported, eliminating the need for additional hardware modification.

The arfiDesk DR1356-NFC-14 offers advanced NFC features making ideal for NFC applications like Smart Posters for advertising and marketing purposes, and Peer-to-Peer communication with most NFC-enabled mobile phones in the market.

Applications:

- ◆ Access Control (to desktop PC etc.)
- ◆ Health Care
- ◆ Industrial ID
- ◆ Inventory
- ◆ Logistics
- ◆ Maintenance, Service, Inspection
- ◆ NFC TAG programming and reading
- ◆ Your application



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