

## Desktop Reader/Writer - NFC / ISO 14443A

The iDTRONIC desktop reader NFC / ISO 14443A based on the latest NXP RFID technology and combines all technical requirements for use in a variety of RFID market segments and applications. It supports both Mifare® (ISO 14443A) and active<->passive / active<->active Near Field Communication (NFC) according to ISO18092.

This *peer to peer* (p2p) function allows automatic intuitive communication between for instance NFC mobile phones or PDA's with your personal computer. Furthermore it can be used for personalization of tags, access control or ticketing. The desktop reader NFC / ISO 14443A is equipped with USB interface.



### Applications:

- Data exchange
- Ticketing
- Access control
- Authentication
- Encoding

### Product specification:

<b>Description:</b>	Desktop reader NFC / ISO 14443A (Product by Arygon Technologies)
<b>Dimensions:</b>	107 x 78 x 14 mm
<b>Weight:</b>	74g
<b>Material:</b>	ABS
<b>Colour:</b>	Bone
<b>Power supply:</b>	USB
<b>Power consumption:</b>	Approx. 120 mA
<b>Temperature range :</b>	0°C to +70°C
<b>Interface:</b>	USB 2.0
<b>Reading range:</b>	Up to 50 mm (passive) Up to 85 mm (active)
<b>Operating frequency:</b>	13.56 MHz
<b>Supported transponders:</b>	ISO 14443A transponders NXP Mifare, DESFire
<b>NFC:</b>	NFCIP-1, ISO 18092 Peer to peer communication
<b>Data Exchange Speed:</b>	up to 424 kBaud
<b>User interface:</b>	Indicator LED (green, red)
<b>Operating system:</b>	Windows 98SE/2000/XP Mac Linux Virtual com port and direct driver support
<b>Options:</b>	buzzer
<b>Order number:</b>	R-DT-NFC R-DT-NFC-B (with buzzer)