



## DeskID ISO RFID Desktop-Reader

The DeskID ISO is a compact HF RFID Reader/Writer for applications in an office or home environment. Typical applications are customer management (e.g. in video stores or fitness studios), configuration of access control systems, e-ticketing as well as reading data from electronic identification documents (e-passports).

The elegant, low profile housing fits on every desktop and enables every PC owner to read and write data on RFID transponders according to the protocol standards ISO 15693 and 14443B. The typical reading distance is between 5 to 10 cm, varying slightly with the type of transponder. It is also possible to scan several tags at once, using the build in anti-collision feature.

The device can be connected to any PC with a standard USB cable which is not only used to transfer data to the computer but also to supply the reader with power. With the included software package (for Windows XP or higher) you can read, write and delete all compatible transponders. The additional programming library (.NET DLL) enables you to integrate this hardware into your own programs quickly and without having to deal with the low-level protocol.

## Applications

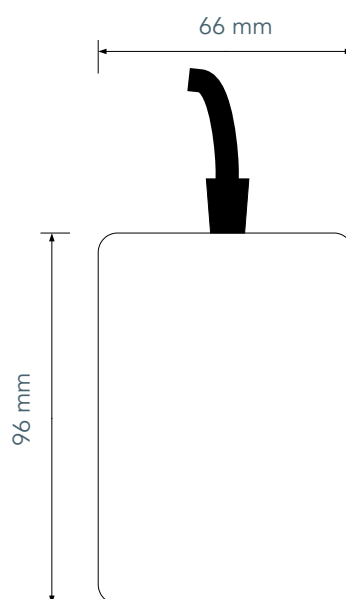
- Reading/writing transponders with any PC/notebook
- Customer management, configuring access control systems, etc.
- Reading data from e-passports and other biometric identification documents

## Technical Specification

Operating Principle	250mW HF RFID Desktop-Reader
Operating Frequency	13,56 MHz
Antenne Connection	internal antenna
Power Supply	5V DC over USB ( $\pm 10\%$ )
Power Consumption	Idle: approx. 15 mA, HF aktive: 120 mA
Communication	USB, Power-LED, Activity-LED
Temperature Range	-20 °C to +75 °C
Housing, Dimensions	Acryl, 66 x 96 x 15 mm
Wiegth	approx. 150 g
Ingress Protection	IP 30 (higher on request)
Conformity	conforms with CE, incl. EN 60950-1, ETSI 300 330

## Supported Tag-Types

- ISO 15693
- I-Code (Philips/NXP)
- Tag-It (Texas Instruments)
- ISO 14443B (e.g. e-passports)
- MiFare (ID only)



## At a Glance

- Power over USB
- Elegant design
- Easy integration into you own software project

## About metraTec

metraTec is a producer of a comprehensive line of RFID products as well as similar electronic equipment. As such, we are able to deliver the entire hardware needed for your RFID projects from one single source - filling the gap between the tag and your software infrastructure.

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