

## metraTec® DeskID MF Desktop Reader

The DeskID MF is an especially compact HF RFID reader / writer for RFID applications in an office environment. Typical scenarios include customer management (e.g. at the gym), configuration of access systems and any other applications where transponders according to ISO 14443A or MIFARE® need to be read / written from a PC.

The low profile, beautiful housing looks great on any desktop and enables all PC users to read and write tags according to ISO 14443A and MIFARE® (as long as they are not password protected). The reading range is around 5 - 10cm depending on tag type. Reading several tags at a time is also possible (anti-collision feature).

The device is connected to the computer via USB. Power is also supplied over the USB bus. Using the Windows-based software that comes with the reader, compatible transponders can be scanned, written to, read and erased. Even custom functions available with some tags (e.g. the SmartMX tags with JCOP OS) can be read and written due to a direct transmission mode available in the firmware.

## Applications

- Reading of ID documents as e.g. customer or club cards
- Configuration of access systems, time logging systems, etc.
- Reading and writing of transponders directly at the PC



## Technical Specification

Working Principle	250mW MIFARE® RFID Desktop Reader
Operating Frequency	13.56 MHz
Antenna Connector	internal Antenna
Voltage	5V DC via USB (± 10%)
Current Consumption	Idle: approx. 15 mA, RF active: 120 mA
Communication	USB, Power LED, Activity LED
Operating Temperature	-20 °C to +70 °C
Housing, Dimensions	Acryl, 66 x 96 x 15 mm
Weight	approx. 150 g
Protection	IP 30 (higher on request)
Conformity	CE, e.g. ETSI 300 330

## At a Glance

- Power over USB
- Compact, elegant housing
- Easy integration into your software projects

## About metraTec

metraTec develops, manufactures and sells RFID hardware in the product segments „Finished Products“, „Automation“ and „Embedded RFID“. It serves a variety of industries, both with standard products as well as custom solutions. Our customers are mainly system integrators, research institutes as well as OEM customers.

## Contact

metraTec GmbH  
 Niels-Bohr-Str. 5  
 39106 Magdeburg, Germany

Tel.: +49 (0)391 251906-00  
 Fax: +49 (0)391 251906-01  
 Email: [sales@metratec.com](mailto:sales@metratec.com)  
 Web: [www.metratec.com](http://www.metratec.com)

## Supported Tag Types

- ISO 14443A
- MIFARE Classic®
- MIFARE Ultralight®
- Others on request (e.g. MIFARE Plus®, MIFARE® DESFire®, etc.)

