metraTec® DeskID ISO Desktop Reader

The DeskID ISO is an especially compact HF RFID reader / writer for use in office and home environments. Typical applications include customer management (e.g. in sports studios), the configuration of access control systems and all other applications in which RFID tags are to be read with a PC or notebook computer.

The low profile design housing is meant for desktop use and allows every computer user to read and write RFID tags according to ISO 15693 and 14443B (as long as they have not previously been locked). The read range varies betwen 5 and 10 cm depending on tag type. Reading of multiple tags (anti collision feature) is also supported.

The device is connected via USB to the host computer and is USB powered. Using the software supplied with the device, the user can easily identify / read / write and erase all supported RFID tags. The free DLL coming with the device (DLL for Microsoft's Visual Studio) allows writing your own software projects easily and without detailed knowledge of the underlying communication protocols.

Applications

- Reading of IDs as e.g. club membership cards and others
- Configuration of access control systems, time registration equipment as well as many other RFID applications
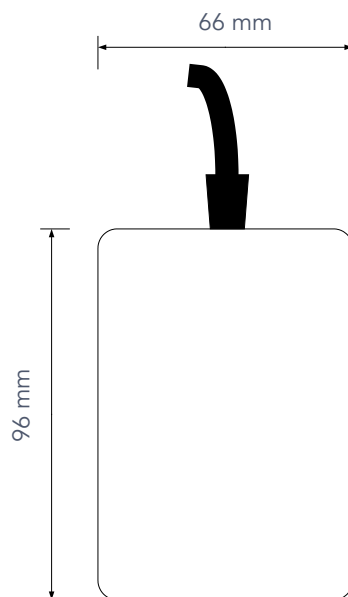- Reading / writing of RFID tags using a standard PC / notebook

Technical Specification

Working Principle	250mW HF 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 aktive: 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. EN 60950-1, ETSI 300 330

At a Glance

- Power over USB
- Compact, elegant housing
- Easy integration into 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.

Supported Tag Types

- All ISO 15693
- I-Code (Philips)
- Tag-It (Texas Instruments)
- Fujitsu FRAM
- KSW VarioSense Temperature-Tags

66 mm

96 mm

Contact

metraTec GmbH

Wener-Heisenberg-Str. 1

39106 Magdeburg, Germany

Tel.: +49 (0)391 251906-00

Fax: +49 (0)391 251906-01

Email: sales@metratec.com

Web: www.metratec.com

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