

# DeskID ISO USB Desktop Reader/Writer

Art. no. :  
22000012



- ⦿ ISO15693 compatible
- ⦿ USB powered



## DeskID ISO USB Desktop Reader/Writer

The DeskID ISO is a compact HF RFID Reader/Writer for RFID applications in the office or factory. Typical applications include customer management (e.g. in sports studios), the configuration of transponders in automation systems, and all other applications in which ISO15693 RFID tags must be read with a PC or notebook computer.

The slim, well-designed housing fits on every desktop and gives every PC user the possibility to read and write transponders that communicate according to ISO15693, including all custom functions. The reading range varies between 50 and 100 mm, depending on the tag type. The device is connected to the PC using a standard USB cable which is also used to power the device (no separate power supply is necessary).

Using the free Windows demo software that ships with the device, transponders can be scanned, written, read, and erased accordingly. Also included with the device are different programming libraries for Java, .NET, and Python, which you can use to write your applications within a short time without prior knowledge of RFID. Using the easy-to-learn low-level ASCII protocol you can also connect the device to other systems, e.g. an embedded PC or even a PLC.

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## Technical Specification

Operating Principle	Short-Range USB Desktop Reader/Writer for HF RFID	
Operating Frequency	13.56 MHz (worldwide)	
Supported Protocols	ISO15693	
Output Power	max. 250 mW (24 dBm)	
Read Range	up to 10 cm	
Antenna Connector	internal antenna (Loop antenna)	
Operating Voltage	5V DC via USB (± 10%)	
Power Consumption	US Office Metratec USA 6 Liberty Square #2073 02109 Boston, MA, United States	Idle: approx. 15 mA, RF active: 120 mA
Connectivity	Germany Niels-Bohn-Str. 5 02109 Dresden T: +49 (0)391 251306-00 E: sales@metratec.com www.metratec.com	Mini-USB
Temperature Range	T: +1 (857) 799-3795 Mail: us@metratec.com	-20 °C to +70 °C

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Dimensions	66 x 96 x 15 mm
Certifications	conforms with CE, e.g. ETSI 300 330

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## About Metratec

Metratec develops, produces and sells Radio electronics for the areas of "Identification", "Localization", and "Communication" and thus serves a variety of markets with standard products as well special solutions. Customers include OEM customers, system integrators and research facilities worldwide.

