DeskID ISO Desktop RFID Reader/Writer

Art. No.: 22000012

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 software ReaderControl2, 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.

◎ Compact Design
◎ USB powered
◎ Up to 10 cm read range

Technical Specification

Operating Principle	Short-Range USB Desktop Reader/Writer for RFID (13.56MHz)
Operating Frequency	13.56 MHz
Antenna Connector	integrated loop antenna
Output Power	250 mW
Read Range	up to 10 cm (depending on transponder size)
Supported Protocols	ISO15693
Connectivity	Mini-USB (virtual COM port)
Operating Voltage	5V DC (via USB)
Power Consumption	idle: 50 mA, RF on: max. 120 mA
Temperature Range	-20 °C to +70 °C
Dimensions	66 x 96 x 15 mm

If you are looking for a reader/writer that can be used to work with 868 MHz / UHF tags, have a look at our DeskID-UHF v2 device in the same form factor. For reading and writing all NFC tags, including Mifare tags, use our DeskID NFC.

About Metratec

Metratec is a manufacturer of RF electronics specialized in wireless "Identification" (RFID) and "Localization" (RTLS). We serve a variety of markets from the manufacturing industry and logistics to vending machines and medical devices. Our customers include OEM customers, IoT system integrators and research facilities worldwide.

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