**SENSOR ID SRL**
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# D8

## Desktop RFID reader

## APPLICATION

The D8 desktop RFID reader is excellent for any **desktop application in the following sectors**:

- retail;
- logistics warehouse management;
- digital signatures;
- production control.

## PRODUCT OVERVIEW

The D8 desktop RFID reader is a USB device operating in **HF which detects HF RFID tags up to a distance of 10 cm**. Easy to use and small in size — 122 mm x 93 mm x 25 mm — **it is designed to read and write high-frequency RFID tags.** From a technical perspective, **it is equipped with a 'SAM** (secure access module or secure application module)' **card, which helps to improve the security and encryption performance of the reader** when handling data during all read/write operations. Its interface incorporates an **LED and buzzer**, which communicate the operational status of the reader. In addition, **the device is easy to implement via a software development kit (SDK) and a demo** programme that supports immediate implementation of the device. Drivers are designed for Windows or Linux systems.

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Desktop RFID reader for short distance reading

## SPECIFICATIONS

| | | | |
|---|---|---|---|
| Operating Frequency UE | 13.56 MHz | Dimensions | 122 x 93 x 25 mm |
| Standard protocol | ISO 14443 - ISO 15693 | Weight | 70 g |
| Supported transponders | MIFARE CLASSIC, MIFARE ULTRALIGHT, MIFARE DESFIRE | External housing | Plastic |
| Power | 5VDC –<100 mA - self-powered USB version | External Communication | USB port |
| Operating system | Windows, Linux | Operating temperature | –20°C ~ +55°C |
| Antenna | Integrated | | |
| Reading distance | Up to 10 cm | | |

*CE certified in accordance with ETSI EN 302 208.*