

## deister – innovative products and solutions

The name deister electronic has been synonymous with innovative RFID products and solutions in the fields of security and automatic identification for more than 35 years. Our portfolio of products is used to manage keys and valuable objects, for vehicle identification, access control as well as logistics and automation technology. Developing and marketing new technologies as well as interfaces between products and systems forms the basis to create flexible solutions for customer-specific applications.



## HF/LF reader and programming station

The RDL 5 mouse is designed as a universal desktop reader to allow transponders to automatically read information into PC programmes.

Furthermore, the different versions of the RDL 5 make it possible to programme transponders – for example with the highly secure "deister smartframe" as well as customer-specific formats. In addition to 125 kHz card technology it also supports 13.56 MHz smart card technology; using a special version it is also possible to programme microwave transponders.

The RDL 5 mouse is connected to the PC via a USB port, and automatically integrated into the programming software. The deister smartframe supports programming customer-specific formats from 1-64 bit, which are decoded by all deister readers and converted in the customer interface.

## Your benefits at a glance:

- **Rapid programming and delivery times**
- **High levels of flexibility vis-à-vis system integrators and end users**
- **Easy to use PC programming software**
- **Programme different mifare® transponders**
- **Reliable crypto key management for applications requiring critical security arrangements**

## Technical data

**Dimensions WxHxD:** 80 x 57 x 19 mm

**Material:** PC

**Protection class:** IP50

**Operating temperature:** +5...+50°C

**Relative humidity:** 5...95%, non-condensing

**Power requirement:** USB

## Transponder technologies:

RDL 5 / 3 13.56 MHz: ISO14443A+B, ISO15693, mifare DESFire EV1, MW  
125 kHz: HID prox, proxEntry, HITAG, EM

RDL 5 / 2 13.56 MHz: ISO14443A, ISO15693, mifare, microwave (MW)

**Reading distance:** Up to 30 mm

**Signalling:** Red, green and blue LED, beeper

**Interface(s):** USB-HID

**Data formats:** Serial number or programmable sectors/blocks