



Miniature, portable reader/writer for MIFARE Classic, Plus (S, X) and DESFire (EV1, EV2, EV3) proximity transponders. RUD-3-DES is supplied from a USB port, which is also used for communication with the device. Card code can be read/write to any sector of card memory. Transponders programming feature is provided

through RogerVDM utility software. RUD-3-DES can be used as a universal card enrol reader (Roger MiniReader v1.1.12 or newer) or as an administrator reader for RACS access control systems (PR Master v4.4.6 and newer or VISO) however, it can be also used in other applications or systems if integrated through available SDK.

**Features:**

- operating frequency 13.56 MHz
- MIFARE transponders support:
  - Classic
  - Plus (S, X)
  - DESFire (EV1, EV2, EV3)
- CSN, SSN, MSN, DESFire AID number read
- SSN, MSN, DESFire AID number write
- reading distance for MIFARE Classic up to 6 cm
- reading distance for MIFARE Plus/DESFire up to 2 cm
- USB-HID communication interface
- LED indicator
- configuration from PC (RogerVDM software)
- USB cable with magnetic stand
- for indoor use only
- SDK programming package
- CE mark

**Ordering guide**

<i>Item</i>	<i>Description</i>
<b>RUD-3-DES</b>	MIFARE Classic/Plus/DESFire USB reader and programmer

**Legal Notice**

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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