



RUD-4 is a desktop reader and writer for 13.56 MHz ISO/IEC 14443A MIFARE Classic and allows reading an EM125 kHz standard proximity cards, it's supplied directly from serial USB port which is also used for communication with the PC. The device has a stable metal desktop stand with a card holder and is available in two versions, a basic RUD-4 v1 version dedicated to MIFARE Classic and EM125 kHz cards and professional RUD-4-DES v1 with the same functionality as basic version plus MIFARE DESFire support. The RUD-4 can be used as a card enrols reader

for access control system or any other application which requires card reader. Card can be enrolled straight from the PR Master (version 4.4.6 or above is required), VISO 1.x or using dedicated Roger MiniReader application (version 1.2 or above required). RUD-4 can also provide a MIFARE transponder programmer functionality, but in such cases RogerVDM (1.2.4 or above required) should be used. Roger Company offers SDK programming package that enables a programmer to develop customized applications for a specific requirements.

**Features:**

- power supply 5 VDC from USB Port
- average current consumption 80 mA
- MIFARE Classic cards
- MIFARE DESFire cards (RUD-4-DES only)
- reading distance for MIFARE Classic cards up to 3 cm
- reading distance for EM 125 kHz cards up to 4 cm
- reading distance for MIFARE DESFire cards up to 2 cm (RUD-4-DES only)
- NO/NC; 1 A/30 V relay
- reading time: ≈200 ms
- configuration from PC (RogerVDM software)
- USB cable with magnetic stand
- for indoor use only
- SDK programming package
- environmental conditions of operation:
  - temperature from +5°C to +45°C
  - humidity from 0% to 95%
- dimensions: 110.0 x 105.0 x 140.0 mm (height x width x thickness)
- weight: ≈640.0 g
- CE mark

Order guide	
Item	Description
<b>RUD-4</b>	MIFARE Classic/Ultralight and EM 125 kHz card reader and programmer; desktop metal enclosure with card holder
<b>RUD-4-DES</b>	MIFARE DESFire/Plus and EM 125 kHz card reader and programmer; desktop metal enclosure with card holder

**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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