RUD-4 is a desktop reader and writer for 13.56 MHz ISO/IEC 14443A MIFARE Classic and allows reading an EM 125 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 EM 125 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:

- 5 VDC power supply directly from the USB port
- 80 mA average current consumption
- MIFARE Classic, EM 125 kHz cards compatible
- reading distance up to 3 cm for MIFARE Classic cards
- reading distance up to 4 cm for EM 125 kHz cards
- reading time:≈200 ms
- relay: 1 A/30 V
- MIFARE DESFire cards compatible *(refers to RUD-4-DES)*
- reading distance up to 2 cm for MIFARE DESFire cards *(refers to RUD-4-DES)*

- 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 g
- CE mark

Ordering guide	
Item	*Description*
RUD-4	MIFARE Classic/Ultralight and EM 125 kHz card reader and programmer; desktop metal enclosure with card holder
RUD-4-DES	MIFARE DESFire 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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