## RUD-3

Miniature, portable reader/writer for 13.56 MHz MIFARE proximity transponders. RUD-3 is supplied from USB port, which is also used for communication with the device. Depending on the product version RUD-3 can support 13.56 MHz MIFARE Classic and/or MIFARE DESFire transponders. Card code can be read/write to any sector of card memory. Transponders programming feature is provided through RogerVDM utility software (v1.2.4 or higher).RUD-3 can be used as universal card enroll reader (Roger MiniReader v1.2 or higher required) or as administrator reader for RACS access control system (PR Master v4.4.6 or higher ; VISO v1.x) however, it can be also used in other applications or systems if integrated through available SDK.
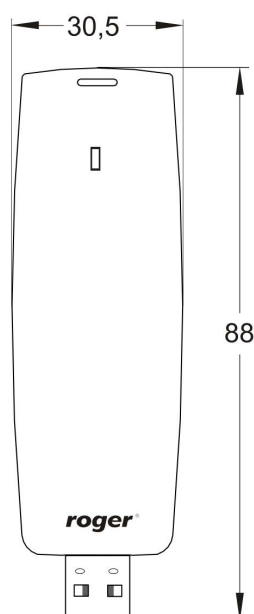
| | RUD-3 | RUD-3-DES |
|---|---|---|
| **Features** | | |
| MIFARE Classic transponders | Ultralight®, 1K, 4K | Ultralight®, 1K, 4K |
| MIFARE DESFire transponders | – | EV1 |
| Read number | CSN, SSN, MSN | CSN, SSN, MSN, DESFire File |
| Write number | SSN, MSN | SSN, MSN, DESFire File |
| Reading distance for MIFARE Classic | up to 6 cm | up to 6 cm |
| Reading distance for MIFARE DESFire | – | up to 3 cm |
| Communication interface: USB-HID | + | + |
| LED indicator | + | + |
| Configuration from PC (RogerVDM software) | + | + |
| USB cable with magnetic stand | + | + |
| For indoor use only | + | + |
| SDK programming package | + | + |

| Technical Specification | |
|---|---|
| *Parameter* | *Value* |
| **Supply voltage** | 5 VDC directly from the USB port |
| **Average current consumption** | 80 mA |
| **Reading time** | ~ 200 msec |
| **Working temperature range** | +5...+45º C |
| **Relative humidity** | 0 to 95% (non-condensing) |
| **Dimensions H x W x D** | 88 x 30.5 x 14.5 mm |
| **Weight** | ≈ 20g |

**RUD-3 view and dimensions**



| Available versions and symbols | |
|---|---|
| *Symbol* | *Description* |
| **RUD-3** | Reader/writer for MIFARE Classic transponders |
| **RUD-3-DES** | Reader/writer for MIFARE Classic and MIFARE DESFire transponders |

## 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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