



3 years of warranty

## Qualica-RD **SCR G2**

OSDP™ RFID card reader compatible with IOS and Android

**Qualica-RD SCR G2** is a small access reader for reading NFC smart card credentials. It uses the Open Supervised Device communication protocol via RS-485 multidrop. Support for EMV® digital access via NFC mobile wallet and contactless cards without external applications and service providers.

Highly secure RFID reader options can be combined with legacy technologies to enable an easy upgrade path.

The secure channel option provided by OSDP™ gives you end-to-end encryption from the RFID credential through the RFID card reader to the access control system.

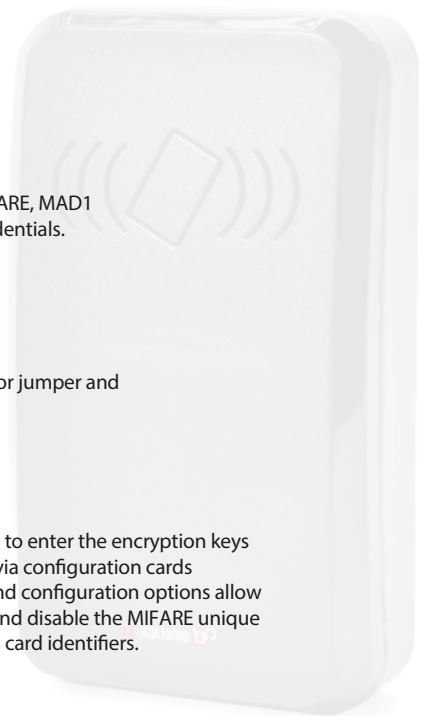
# SCRG2 OSDP™ RFID card reader

## Features

- EMV® digital access support | NFC mobile wallet | Contactless cards.
- Optimized for MIFARE® card reading according to NXP and ISO 14443A, supports reading of MIFARE, MAD1 and MAD2 sectors for MIFARE Classic, MIFARE Plus and MIFARE DESFire EV1, EV2, EV3 and PKI credentials.
- RGB multicolor LED light strip and internal vibration for status indication.
- Slim and sleek design, 20 mm thick with footprint for indoor and outdoor environments.
- OSDP™ communication protocol with encrypted encryption with access control system.
- Configuration tool available to program the reader, which credentials to read and issue readings.
- The device is designed with a robust and tamper-proof IP65 and IK10 housing.
- Easy installation due to separate housing with clickon cable connector, RS-485 termination selector jumper and tamper switch, which can be configured as an alarm.
- Maintenance opening slots require a specialized tool, included in the scope of supply.

## Configuration Tool

The configuration file can be saved and the encryption keys can be hidden to allow system owners to enter the encryption keys and then hide them. When a configuration is complete, it is securely communicated to the reader via configuration cards programmed from the tool or via the file transfer option directly from ACU. The RFID capabilities and configuration options allow for a multitude of reading options and combinations. With the configuration tool you can enable and disable the MIFARE unique identifiers (UIDs) that the reader will read, combine it with up to five MIFARE Classic or MIFARE Plus card identifiers.



## Technical specifications

|                                       |                         |
|---------------------------------------|-------------------------|
| Power, typical/min/max                | 24VDC / 11VDC / 30VDC   |
| Power consumption, typical/max at 24V | 20mA / 45mA             |
| Enclosure protection                  | IP65, IK10              |
| Operating temperature                 | -25°C a 70°C            |
| LED strip type                        | RGB                     |
| Dimensions NET (L/W/H/H)              | 76,5 * 45 * 20 mm       |
| Weight NET                            | 46 g                    |
| Color                                 | NCS 8500-N / NCS 6502-B |
| Communication                         | RS-485/OSDP™            |
| Reading distance                      | Hasta 50 mm             |
| Frequency range                       | 13,56 MHz               |
| Compliance                            | CE, RoHS y REACH        |

