

CSN SELECT

Desktop Enrollment Reader (Rev. A)

User Manual


1. Introduction

The DR-6255 is a desktop smart card CSN enrollment reader with a USB interface for use when enrolling user credentials to access control software such as Rosslare's AxTraxNG.

The reader is part of the CSN Select family of multi-credential technology contactless smart card (13.56 MHz) readers. This reader has the flexibility to read the Card Serial Number (CSN) from many smart card RFID standards implementations including ISO14443A/B, ISO15693, and ISO18092.

CSN SELECT readers have the capability to read the Card Serial Number (CSN) from many smart card RFID Standards implementations. The following list shows the credential technologies for which we have confirmed compatibility:

- ISO14443A – MIFARE® Ultralight® Nano / EV1/ C, MIFARE Classic® / Classic EV1, MIFARE Plus® S / SE / X / EV1, MIFARE DESFire® EV1 / EV2, NFC N-TAG / Card Emulation
- ISO14443B - China National ID
- ISO15693 – HID® iClass®, PicoPass, iCode, LEGIC
- ISO18092 – SONY® FeliCa® (Hong Kong Octopus)

 This list is continuously updated. For the latest compatibility list, contact your sales representative.

The standard reader outputs the Wiegand CSN data in Wiegand 26-Bit format. Other Wiegand formats are available upon request.



DR-6255

2. Technical Specifications

2.1 Electrical Characteristics

Operating Voltage Range	5 VDC (USB powered)
Current @ 5 V	Standby: 90 mA
Current @ 5 V	Max: 130 mA
Read Range*	5 cm (2 in.)
USB Cable Length	150 cm (59 in.)

* Measured using a Rosslare MIFARE Classic EV1 (ISO Card). Read range with other credential technologies may vary. Range also depends on electrical environment and proximity to metal.

2.2 Environmental Characteristics

Operating Environment	Indoor use
Operating Temperature Range	0°C to 63°C (32°F to 145°F)

2.3 Physical Characteristics

Weight	130 g (4.6 oz)
Dimensions (L x W x H)	123.0 x 70.0 x 16.2 mm (4.9 x 2.8 x 0.7 in.)

3. Installing the USB Driver

Connect the reader to a USB port of the computer. The computer searches for the driver and should automatically install it.

If the computer does not find the driver automatically, you must download the "MCP2200 Driver" zip file from our website and manually install the driver.

To download the "MCP2200 Driver" file:

- Go to <http://www.rosslaresecurity.com>.
- Click *Download Center* in the Quick Links section.
- In *Document Types*, select Driver and click **Search**.
The driver for the reader appears.
- Click the Download icon on the right.
The MCP2200 Driver zip file is downloaded to your computer.

Once you have downloaded the zip file, unzip it and follow the instructions described in the ReadMe file to install the driver.

The driver supports the following operating systems:

- Windows XP (32-Bit and 64-Bit)
- Windows 7 (32-Bit and 64-Bit)
- Windows 8 (32-Bit and 64-Bit)
- Windows 10 (32-Bit and 64-Bit)

4. Operation

When the computer has successfully installed the driver, the DR-6255 appears as a COM port device and can be used for any application. When a card is presented to the reader, the reader outputs the Wiegand ID data on the COM port only once until a new card is presented.

To enroll cards using AxTraxNG software, please refer to the *AxTraxNG™ Software Installation and User Manual*.

Declaration of Conformity

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - This device may not cause harmful interference.
 - This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Limited Warranty

The full ROSSLARE Limited Warranty Statement is available in the Quick Links section on the ROSSLARE website at www.rosslaresecurity.com.

Rosslare considers any use of this product as agreement to the Warranty Terms even if you do not review them.

Contact Information

United States and Canada

Rosslare Security Products, Inc.
Southlake, TX, USA
Toll Free: +1-866-632-1101
Local: +1-817-305-0006
Fax: +1-817-305-0069
support.na@rosslaresecurity.com

Europe

Rosslare Israel Ltd.
Rosh HaAyin, Israel
Tel: +972-3-938-6838
Fax: +972-3-938-6830
support.eu@rosslaresecurity.com

Latin America

Rosslare Latin America
Buenos Aires, Argentina
Tel: +54-11-4001-3104
support.la@rosslaresecurity.com

China

Rosslare Electronics (Shenzhen) Ltd.
Shenzhen, China
Tel: +86-755-8610-6842
Fax: +86-755-8610-6101
support.cn@rosslaresecurity.com

Asia Pacific, Middle East, Africa

Rosslare Enterprises Ltd.
Kowloon Bay, Hong Kong
Tel: +852-2795-5630
Fax: +852-2795-1508
support.apac@rosslaresecurity.com

India

Rosslare Electronics India Pvt Ltd.
Tel/Fax: +91-20-40147830
Mobile: +91-9975768824
sales.in@rosslaresecurity.com

www.rosslaresecurity.com



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