DR-6255

HF CSN Desktop Reader
User Manual

1. Introduction

The DR-6255 is an HF CSN Desktop Reader. It reads the HF Card Identification Number and transmits it to connected access control software, such as Rosslare's AxTraxNG™.

It has a slim and attractive design and is built for convenience and portability. With its USB computer interface, it is quick and easy to install and runs without any additional power source. Designed to sit safely on any desktop, the DR-6255 is sturdily built, with surface-gripping rubber feet.

Figure 1: DR-6255

2. Technical Specifications

2.1 Electrical Characteristics

Operating Voltage Range	5 VDC (USB powered)
Standby Current	90 mA
Max. Operation Current	130 mA
Supported Transponders	• ISO 14443A/B • ISO 15693 • ISO 18092 • FeliCa
Read Card Distance	Up to 5 cm (2 in.)
RF Modulation	ASK
Operation Frequency	13.56 MHz
Bit Rate	106 kHz
Output Formats	Wiegand 26-Bit (default)
	Note: **Wiegand 32-Bit, 34-Bit, and 40-Bit also supported, but must be pre-programmed by the factory upon request**.

2.2 Environmental Characteristics

Operating Environment	Indoor use
Operating Temperature Range	0°C to 63°C (32°F to 145°F)
Storage Temperature Range	-20°C to 63°C (-4°F to 145°F)
Relative Humidity Range	0 to 95% (non-condensing)

2.3 Physical Characteristics

Weight	130 g (4.6 oz)
Dimensions (L x W x H)	123 x 70 x 16.2 mm (4.9 x 2.8 x 0.6 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:

1. Go to http://www.rosslaresecurity.com.
2. Click *Download Center* in the Quick Links section.
3. In *Document Types*, select Driver and click **Search**.

   The driver for the reader appears.
4. 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 7 (32-Bit and 64-Bit)
- Windows XP (32-Bit and XP 64-Bit)
- Windows 8 (32-Bit and 64-Bit)

4. Enrolling Cards using AxTraxNG

You must use the AxTraxNG software to enroll cards.

Please refer to the *AxTraxNG™ Software Installation and User Manual.*

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