

DR-6255

CSN SELECT™ Desktop Enrollment Reader (Rev. B)



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™ series of multi-credential technology contactless smart card (13.56 MHz) readers that support access by an NFC compatible Android smartphone app*. This reader has the flexibility to read the Card Serial Number (CSN) from many smart card RFID standards implementations, perfect for transitioning from one technology to another. CSN SELECT readers are able to read the CSN from many smart card RFID standard implementations. The reader has a sleek and modern design, and is powered by the USB port itself for easy and convenient installation.

GENERAL DESCRIPTION

The DR-6255 appears as a COM port device and can be used for any application. The standard reader is configured to read the CSN of the most popular smart cards in the security industry as well as NFC compatible Android smartphones, and output the CSN in Wiegand format.

MAIN FEATURES

- Read the CSN from the following smart cards:
 - ISO14443A - MIFARE® Ultralight® Nano / Ultralight EV1/ Ultralight 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)
- NFC Android smartphone is supported with the Android App for HCE (Host Card Emulation)

- Selectable Wiegand output formats using the CS-HCT Hardware Configuration Tool for the DR-6255 application

PROFESSIONAL GRADE FEATURES

- Built-in buzzer
- USB 2.0 compliant and USB powered
- Wiegand output format can be configured using a PC software, including Wiegand 26-Bit, 32-Bit, 32-Bit (reverse), 34-Bit, 40-Bit, 56-Bit, and 64-Bit outputs
- Uses standard drivers that support 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)

* Please refer to NFC App data sheet for further information

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	5 VDC (USB powered)
■ Standby Current @ 5 V	90 mA
■ Maximum Current @ 5 V	30 mA
■ Read Range*	5 cm (2 in.)
■ Reader Data Output Format	Appears a COM port device when connected to a PC. The standard reader outputs the Wiegand CSN data in Wiegand 26-Bit format. Other Wiegand formats are selectable using the DR-6255 Hardware Configuration Tool PC software.
■ USB Cable Length	150 cm (59 in.)

ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

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

SYSTEM COMPONENTS

Compatible with a Rosslare's AxTraxNG™, as well as many third-party access control software.

PRODUCT WARRANTY

2-Year Limited Product Warranty

* 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.

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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