

DR-6280

MIFARE Classic® EV1 and
MIFARE® DESFire® EV1 O2S Desktop Reader



The DR-6280 is an advanced MIFARE Classic® EV1 and MIFARE® DESFire® EV1 O2S Desktop Reader. It reads the O2S ID Data and CSN and transmits it to access control software, such as Rosslare's AxTraxNG™.

GENERAL DESCRIPTION

The DR-6280 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-6280 is sturdily built, with surface-gripping rubber feet.

MAIN FEATURES

- Contactless Smart Card Reader (13.56 MHz)
- Meets ISO14443 Type A Standard
- Reads O2S ID data from an O2S credential
- AES 128-bit encryption during the transmission of an ID from a MIFARE DESFire EV1 credential
- Reads CSN of non-O2S MIFARE credentials
- Bi-Colored LED
- Supports USB 2.0 Standard (compatible with USB 1.1), meets the EIA Standard
- Driver supports the following Operating Systems:
Windows 7, 8, 8.1 and 10 32- and 64-Bit, Windows Vista, and Vista 64-Bit, Windows XP and XP 64-Bit, Server 2003, XP and Server 2008

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	5 VDC (USB powered)
■ Operation Current	Standby: 87 mA Max: 135 mA

OPERATIONAL SPECIFICATIONS

■ Supported Transponders	MIFARE Classic EV1 MIFARE DESFire EV1
■ Read Card Distance	Up to 50 mm (2.0 in.)
■ RF Modulation	ASK
■ Operation Frequency	13.56 MHz
■ Output Format	Wiegand 26-Bit (Wiegand 32-Bit, 34-Bit, and 40-Bit also supported, but must be pre-programmed by the factory upon request).

ENVIRONMENTAL SPECIFICATIONS

■ 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)
■ Operating Humidity	0% to 95% (non-condensing)

MECHANICAL SPECIFICATIONS

■ Dimensions (H x W x D)	123 x 70 x 16 mm (4.9 x 2.8 x 0.6 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

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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