

CP-R25

MIFARE Classic® EV1 Card and Fingerprint Desktop Programmer



Rosslare's CP-R25 is a sophisticated high-security desktop programmer unit for custom MIFARE Classic® EV1 ISO 14443A contactless card applications. This lightweight, sleek designed desktop unit offers high flexibility, easy to use, card programming, fingerprint enrollment and management via Rosslare's PC software AS-B01.

GENERAL DESCRIPTION

The CP-R25 is a universal desktop card programmer for custom MIFARE Classic EV1 contactless card applications, specifically sector readers in access control and other systems, where high security or data manipulation is a priority. CP-R25 is also compatible with Rosslare's smart Match-On-Cards fingerprint reader family. Cards are placed on the unit's card tray, and can be read, verified, and programmed using the AS-B01 accompanied software.

The CP-R25 is controlled by Rosslare's AS-B01 card programming PC Software connected via an encrypted link, it also incorporates the most up-to-date 64-Bit software and firmware for higher security.

Using CP-R25 and its accompanying software provides high quality MIFARE Classic EV1 Card read/write functionality as well as master cards creation for easy and fast reader configuration of both sector and fingerprint readers.

Four LEDs and sounder indicate current activity (read/verify/write) as well as guides the user in the fingerprint enrollment process.

MAIN FEATURES

- Provides content and writing definitions for the sectors
- Creates master cards for easy and fast reader configuration
- Allows the user to read, program, and verify cards quickly and easily USB 2.0 computer connection (identified automatically, no drivers needed)
- LEDs and sounder indicate different activities, including user guidance and success or error indications
- Cards types supported: MIFARE Classic EV1 ISO 14443A
- Slim and lightweight design, small desktop footprint

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

| | |
|---------------------|--|
| ■ Operating Voltage | 12 VDC from a USB |
| ■ Input Current | Standby: 75 mA Maximum: 160 mA |
| ■ Indicators | Card Green/Red LED: Provides visual feedback on card reading and writing as well as success or fail indication. Fingerprint Green/Red: Provides visual feedback on card reading and writing as well as success or fail indication. Fingerprint three Blue small LEDs: indication for the user to swipe a finger when needed. Sounder: Provides audible indication for guidance as well as operation success or failure. |

COMPUTER REQUIREMENTS

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|------------------------|--------------------------------------|
| ■ Operating System | Windows XP SP2 |
| ■ Processor | Minimum 400MHz Pentium or equivalent |
| ■ RAM Memory | 512MB |
| ■ Free Hard Disk Space | 1 GB |
| ■ USB | One USB 2.0 port |

OPERATING SPECIFICATIONS

| | |
|---------------------------|--|
| ■ Fingerprint Sensor Type | Swipe type UPEK TCS4C-TCD50A |
| ■ RF Frequency | MIFARE Classic EV1 Compatible 1K and 4K ISO-14443A-3 13.56 MHz Card |

ENVIRONMENTAL SPECIFICATIONS

| | |
|-------------------------------|-------------------------------|
| ■ Operating Temperature | -10°C to 50°C (50°F to 122°F) |
| ■ Operating Humidity Range | 0 to 95% (non-condensing) |
| ■ Operating Environment Range | Indoor only |

PHYSICAL SPECIFICATIONS

| | |
|--------------------------|--|
| ■ Dimensions (L x W x H) | 173 x 58 x 33 mm (6.2 x 2.3 x 1.3 in.) |
| ■ Weight | 309 g (10.9 oz) |

SYSTEM COMPONENTS

CP-R25 is compatible with Rosslare's Sector and Match-On-Card Fingerprint readers. For best performance we recommend using Rosslare accessories.

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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