CP–R25

Mifare® Card and Fingerprint Desktop Programmer

Rosslare's CP-R25 is a sophisticated high-security desktop programmer unit for custom Mifare® 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® 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 32-Bit software and firmware for higher security.

Using CP-R25 and its accompanying software provides high quality Mifare® 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® ISO 14443A
- Slim and lightweight design, small desktop footprint

PROFESSIONAL GRADE FEATURES

- Compatible with Rosslare Card credentials:
  - AT-T512 (1K ISO card)
  - AT-T513 (4K ISO card)
  - AT-T515 (1K tag)
- Compatible With Rosslare Sector Readers:
  - AY-Q6260
  - AY-Q6360
  - AY-W6260
  - AY-W6360
- Compatible With Rosslare Swipe fingerprint Readers:
  - AY-B1663
  - AY-B3663
  - AY-B4663

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Product Specifications

ELECTRICAL SPECIFICATIONS	
• Operating voltage	12V DC from USB
• Input current	Standby: 75mA Maximum: 160mA
• 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	
• 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
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OPERATING SPECIFICATIONS	
• Fingerprint Sensor type	Swipe type UPEK TCS4C-TCD50A
• RF frequency	Mifare® Compatible 1K and 4K ISO-14443A-3 13.56 MHz Card (AT-T512, AT-T513 and AT-T515)
ENVIRONMENTAL SPECIFICATIONS	
• Operating temperature	50ºF to 122º F (10ºC to 50ºC)
• Operating humidity	0% to 95% (non-condensing)
• Operating environment	Indoor only
PHYSICAL SPECIFICATIONS	
• Dimensions (L x W x H)	6.18x2.28x1.30 inch (173x58x33 mm)
• Weight	10.9 oz (309g)

System Components

CP-R25 is compatible with all of Rosslare's Sector and Match-On-Card Fingerprint readers.

For best performance we recommend using Rosslare accessories.

AY-B4663 AY-B1663 AY-B3663 AY-Q6360 AY-W6260 AT-T515

Additional Information

The CP-R25 Mifare® Contactless Card Desktop Programmer is covered by Rosslare's 2-year Limited Product Warranty.

For sales and product documentation, please visit our website: http://www.rosslaresecurity.com.

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