

CP-R20U

RFID Contactless Card Desktop Programmer



ROSSLARE'S CP-R20U IS A SOPHISTICATED HIGH-SECURITY DESKTOP PROGRAMMER UNIT FOR CUSTOM RFID PROXIMITY CARD APPLICATIONS. THIS LIGHTWEIGHT, SLEEKLY DESIGNED DESKTOP UNIT OFFERS EASY-TO-USE CARD PROGRAMMING AND MANAGEMENT VIA ROSSLARE'S RFID MANAGECARD™ CONSOLE (CP-S20). THE CP-R20U PACKS FEATURES SUCH AS STATE-OF-THE-ART MICROPROCESSOR DESIGN AND HIGH QUALITY, LOW COST, RFID CARD READING AND WRITING.

GENERAL DESCRIPTION

The CP-R20U is a desktop programmer unit for custom RFID proximity card applications in Access Control systems where high security is a priority. Cards are placed in the card tray on the unit, and can be read, verified, and programmed using the accompanying software.

The CP-R20U is controlled by Rosslare's encrypted CP-S20 "RFID ManageCard Console" PC Software. Two tri-colored LEDs indicate current activity (read/verify/write) and busy/ready for next card function.

Card formats, card encoding, card series management, and customer distribution history are easily managed via the accompanying PC software.

MAIN FEATURES

- Operator authentication process secures against unauthorized activity

- PC records operator real-time history log for system administrator
- USB 2.0 link to PC
- Slim and lightweight design, small desktop footprint

PROFESSIONAL GRADE FEATURES

- Microprocessor and SMT designed electronics for higher quality, superior performance, and reduced cost
- 125 KHz, ASK modulation
- Two tri-color LEDs
- Buzzer indicator
- Supports standard EM4002 and Rosslare card formats
- Card types supported: Atmel 555x, Sokymat, Temic 555x

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage	5 VDC from a wall adapter transformer
■ Input Current	Standby: 20 mA Maximum: 45 mA
■ LED Color Function	Green: OK Red: Error Orange: In Process

OPERATIONAL SPECIFICATIONS

■ RF Transmission Time	50 ms
■ RF Frequency	125 KHz cards

ENVIRONMENTAL SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

■ Dimensions (L x W x H)	150 x 120 x 30 mm (4.9 x 4.9 x 0.83 in.)
■ Weight	150 g (5.3 oz.)

SYSTEM COMPONENTS

Supports standard EM4002 and Rosslare card formats

PRODUCT WARRANTY

2-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

www.rosslaresecurity.com

ManageCard™ is a trademark of Rosslare Security.



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