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Rocketek B0C5LR8DTN

Rocketek PC/SC USB Smart Card Reader (Model B0C5LR8DTN) User Manual

Comprehensive Guide for Setup, Operation, and Maintenance

1. INTRODUCTION

This user manual provides detailed instructions for the Rocketek PC/SC USB Smart Card Reader. This device is designed to facilitate secure digital interactions, including online identification, digital signatures, and access to various smart card applications. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

2. PRODUCT OVERVIEW

The Rocketek PC/SC USB Smart Card Reader is a versatile device supporting a wide range of smart cards. It features a compact design and a standard USB interface for easy connectivity.

2.1 Package Contents

- Rocketek PC/SC USB Smart Card Reader
- User Manual (this document)

2.2 Device Features

The card reader includes dedicated slots for different card types and an indicator light for operational status.



Figure 1: Front view of the Rocketek Smart Card Reader, highlighting the LED indicator light, the main smart card slot, and the SIM card slot.

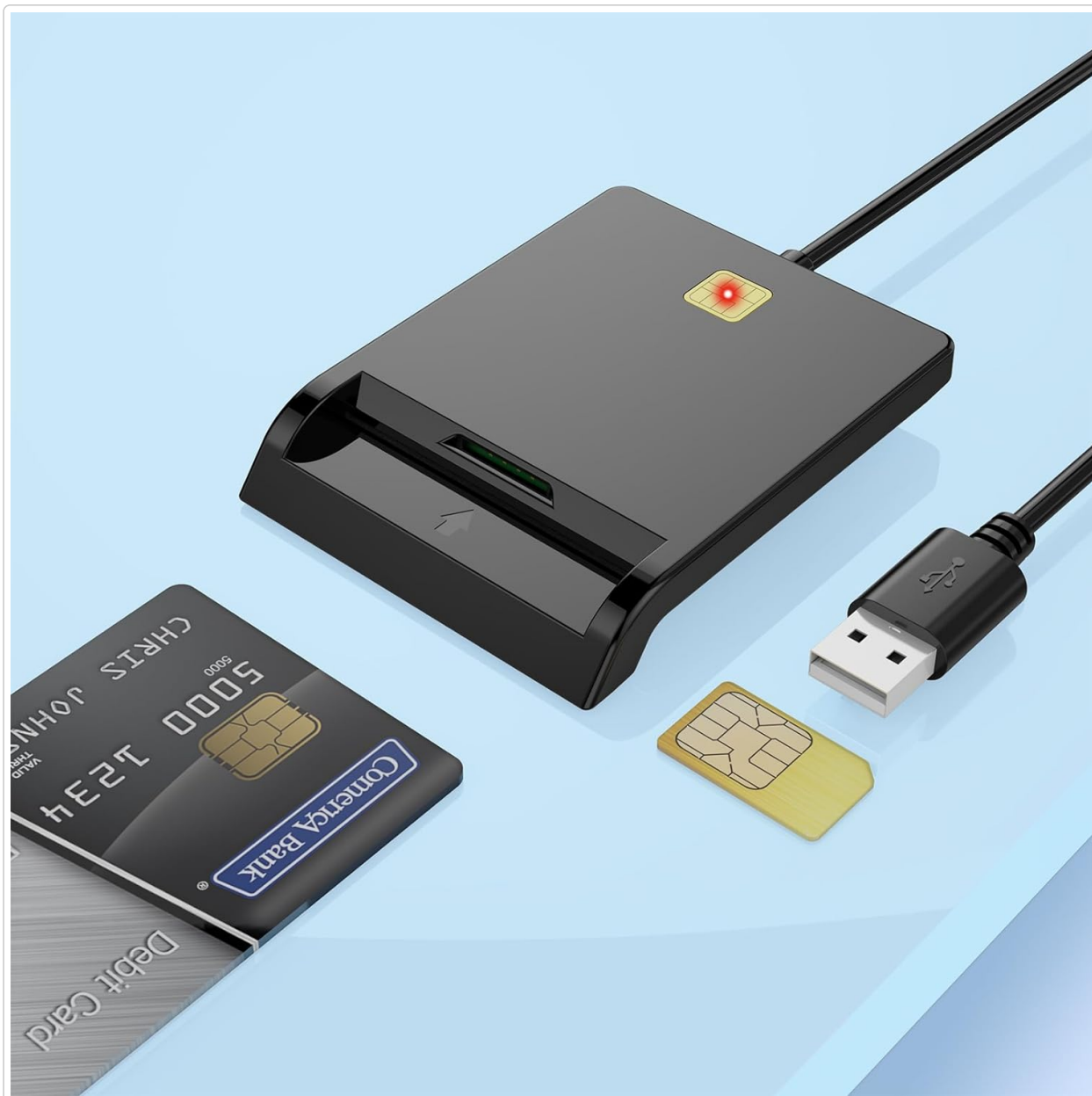


Figure 2: The Rocketek Smart Card Reader shown with its USB connector, a SIM card, and a standard debit card, illustrating its multi-card compatibility.

3. SETUP

Follow these steps to set up your Rocketek PC/SC USB Smart Card Reader.

3.1 System Requirements

- **Operating System:** Windows 98 / Me / 2000 / NT 4.0 / XP / CE / Vista / 7 / 8 / 8.1 / 10 / 11, Chromebook OS, Linux, Ubuntu, Mac OS.
- **Interface:** Available USB port.



Figure 3: The card reader is compatible with various operating systems, including different versions of Windows and Linux.

3.2 Connecting the Device

1. Locate an available USB port on your computer or laptop.
2. Plug the USB connector of the Rocketek Smart Card Reader into the USB port.
3. The device is generally *Plug & Play* for Windows systems, meaning it should be recognized automatically without manual driver installation. For Mac OS and Linux, or for specific smart card applications (e.g., Belgian eID, CAC cards), additional drivers or official software may be required. Refer to the card issuer's website for necessary software.

4. OPERATING INSTRUCTIONS

Using the Rocketek PC/SC USB Smart Card Reader is straightforward.

4.1 Inserting a Smart Card

1. Ensure the card reader is connected to your computer.
2. For standard smart cards (e.g., ID cards, bank cards), insert the card into the main smart card slot with

the chip facing upwards and towards the reader.

3. For SIM cards, insert the SIM card into the dedicated SIM card slot.
4. The LED indicator light on the reader will illuminate or flash to indicate card detection and activity.

4.2 Using the Card Reader

- Once the card is inserted and recognized, you can use it with compatible software for tasks such as:
 - Online banking
 - Digital signatures
 - Online tax declarations
 - Accessing government services (e.g., Belgian eID)
 - CAC, AKO, OWA, DKO, JKO, NKO, BOL, GKO, Marinet, AF-Portal, Pure Edge Viewer applications
- **Important:** The reader is designed to read **only one card at a time**. Do not attempt to insert multiple cards simultaneously into different slots if they are intended for active use.



Figure 4: The card reader supports high-speed data transmission but can only process one smart card or SIM card at any given moment.

5. MAINTENANCE

To ensure optimal performance and extend the lifespan of your card reader, follow these maintenance guidelines:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the reader to extreme temperatures, humidity, or direct sunlight.
- Do not insert foreign objects into the card slots.
- Handle the USB cable gently to prevent damage.
- Store the reader in a safe place when not in use.

6. TROUBLESHOOTING

If you encounter issues with your Rocketek Smart Card Reader, refer to the following common problems and solutions:

6.1 Device Not Recognized

- **Check USB Connection:** Ensure the reader is firmly plugged into a working USB port. Try a different USB port or a different computer if possible.
- **Restart Computer:** Sometimes a simple restart can resolve recognition issues.
- **Driver Installation:** While the device is generally plug-and-play for Windows, some specific smart cards (e.g., certain government IDs, health cards) or operating systems (Mac OS, Linux) may require dedicated drivers or middleware. Visit the official website of your smart card issuer or the Rocketek support page for driver downloads.

6.2 Card Not Reading

- **Correct Insertion:** Ensure the smart card is inserted correctly with the chip facing the right direction and fully seated in the slot.
- **Card Condition:** Check the smart card for any visible damage or dirt on the chip. Clean the chip gently with a soft, dry cloth if necessary.
- **Software Compatibility:** Verify that you have the correct software installed for the specific type of smart card you are trying to read (e.g., eID software for Belgian ID cards).
- **Single Card Rule:** Ensure only one card is inserted into the reader at a time.

6.3 Slow Performance

- **USB Port:** Ensure you are using a high-speed USB port (e.g., USB 2.0 or 3.0).
- **System Resources:** Close unnecessary applications running in the background that might be consuming system resources.

7. SPECIFICATIONS

Brand	Rocketek
Model	B0C5LR8DTN
Connectivity Technology	USB
Compatible Devices	Computers, Laptops
Operating Systems	Windows 98 / Me / 2000 / NT 4.0 / XP / CE / Vista / 7 / 8 / 8.1 / 10 / 11, Chromebook OS, Linux, Ubuntu, Mac OS
Special Feature	Plug & Play
Supported Card Types	Smart, ID, CAC, CRS, CNS, IC, SIM, etc. (ISO 7816 Class A, B, C for 5V, 3V and 1.8V smart cards)
Dimensions (Approx.)	84mm (L) x 65mm (W) x 9.5mm (H)
Cable Length (Approx.)	95cm / 2.5in



Figure 5: Approximate dimensions of the Rocketek Smart Card Reader and its integrated USB cable.

8. WARRANTY AND SUPPORT

Rocketek stands behind the quality of its products.

8.1 Manufacturer's Warranty

All Rocketek USB CAC smart card readers come with a worry-free **12-month manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

If you have any questions, require technical assistance, or experience issues with your product, please do not hesitate to contact Rocketek customer support directly. Refer to the product packaging or the Rocketek official website for contact information.