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## TooQ TQR-211B

# TooQ TQR-211B External Card Reader Instruction Manual

Model: TQR-211B

## 1. INTRODUCTION

This manual provides comprehensive instructions for the proper use, setup, and maintenance of your TooQ TQR-211B External Card Reader. This device is designed for reading various smart cards, including DNIE and SIM cards, offering broad compatibility with both PC and Mac operating systems.

The TooQ TQR-211B is a plug-and-play device, requiring no additional driver installation for most modern operating systems, ensuring a straightforward user experience.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- Supports 5V, 3V, and 1.8V Smart Cards.
- Compatible with ISO-7816 and EMV2 2000 Level 1 standards.
- Plug & Play functionality; no drivers needed for Windows and Mac operating systems.
- Compact and lightweight design for portability.
- USB-C connectivity for modern devices.

### 2.2 Components and Dimensions

The TooQ TQR-211B External Card Reader is a compact device, primarily black in color, designed for ease of use. It features a slot for smart cards and connects via an integrated USB-C cable.



Figure 1: Front view of the TooQ TQR-211B External Card Reader, showing the card slot and USB-C cable.



Figure 2: Dimensions of the TooQ TQR-211B External Card Reader. The device measures approximately 85mm (length) x 65mm (width) x 16mm (height).

**Product Dimensions:** Approximately 3.35 x 2.56 x 0.63 inches (85 x 65 x 16 mm).

**Net Weight:** Approximately 1.98 ounces (0.05 kg).

### 3. SETUP INSTRUCTIONS

The TooQ TQR-211B card reader is designed for simple plug-and-play operation. Follow these steps to set up your device:

- 1. Connect the Card Reader:** Locate an available USB-C port on your computer (PC or Mac). Insert the USB-C connector of the TooQ TQR-211B into the USB-C port.

2. **System Recognition:** Your operating system (Windows, macOS including Big Sur, etc.) should automatically detect and configure the device. No manual driver installation is typically required.
3. **Verification:** Once connected, the system should indicate that the device is ready for use. You can verify this through your computer's Device Manager (Windows) or System Information (macOS).



Figure 3: The TooQ TQR-211B card reader with its integrated USB-C cable, ready for connection to a compatible device.

## 4. OPERATING INSTRUCTIONS

Once the card reader is connected and recognized by your computer, you can begin using it to interact with smart cards.

1. **Prepare Your Card:** Ensure the smart card (e.g., DNIE, SIM card, or other compatible smart card) is clean and free of debris.
2. **Insert the Card:** Gently slide the smart card into the designated card slot on the TooQ TQR-211B reader. Ensure the card is inserted with the chip facing upwards and fully seated in the slot. Refer to the arrow

indicator on the reader for correct insertion direction.

3. **Access Card Data:** Use the appropriate software application on your computer to access the data or perform operations with the inserted smart card. The functionality depends on the specific smart card and the software you are using (e.g., digital signature applications, banking software, etc.).
4. **Remove the Card:** When finished, safely eject the card through your operating system if required by the software, then gently pull the card out of the reader.



Figure 4: The TooQ TQR-211B card reader connected to a laptop, demonstrating a smart card inserted into the reader.

#### Supported Card Types:

- 5V Smart Cards
- 3V Smart Cards
- 1.8V Smart Cards

#### Standards Compliance:

- ISO-7816
- EMV2 2000 Level 1

- CCID
- Microsoft WHQL

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your TooQ TQR-211B External Card Reader, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the exterior of the device. Do not use liquid cleaners, aerosols, or abrasive solvents.
- **Storage:** Store the card reader in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not force cards into the slot; gentle insertion is sufficient.
- **Cable Care:** Do not bend or crimp the USB-C cable excessively. Always grasp the connector when plugging or unplugging the cable, not the cable itself.

## 6. TROUBLESHOOTING

If you encounter issues with your TooQ TQR-211B External Card Reader, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not recognized by computer.	Loose connection, faulty USB-C port, or operating system issue.	<p>Ensure the USB-C cable is securely plugged into both the reader and the computer.</p> <p>Try connecting the reader to a different USB-C port on your computer.</p> <p>Restart your computer.</p> <p>Check your operating system's device manager for any unrecognized devices or driver issues.</p>
Card not detected or read.	Incorrect card insertion, dirty card chip, or incompatible card.	<p>Ensure the card is inserted correctly with the chip facing upwards and fully seated.</p> <p>Clean the card's chip with a soft, dry cloth.</p> <p>Verify that the card type is supported (5V, 3V, or 1.8V Smart Card).</p> <p>Ensure the necessary software for the specific smart card is installed and running on your computer.</p>
Slow performance.	System resource contention or background processes.	<p>Close unnecessary applications running in the background.</p> <p>Ensure your operating system is up to date.</p>

## 7. SPECIFICATIONS

Attribute	Detail
<b>Brand</b>	TooQ
<b>Model Number</b>	TQR-211B
<b>Connectivity Technology</b>	USB-C
<b>Supported Card Types</b>	5V, 3V, and 1.8V Smart Cards (DNIE, SIM, etc.)
<b>Standards Supported</b>	ISO-7816, EMV2 2000 Level 1, CCID, Microsoft WHQL
<b>Operating System Compatibility</b>	Windows, macOS (including Big Sur)
<b>Color</b>	Black
<b>Item Weight</b>	1.98 ounces (0.05 kg)
<b>Product Dimensions (LxWxH)</b>	3.35 x 2.56 x 0.63 inches (85 x 65 x 16 mm)
<b>Special Features</b>	Compact, Lightweight, Plug & Play

## 8. WARRANTY AND SUPPORT

The TooQ TQR-211B External Card Reader comes with **atwo-year warranty** against factory defects. This warranty covers manufacturing faults and material defects under normal use conditions.

For technical support or warranty claims, please contact your retailer or the manufacturer, TooQ, directly. Please retain your proof of purchase for warranty validation.

For the most up-to-date support information and resources, please visit the official TooQ website.

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