



Manuals.plus /

› Yunseity /

› Yunseity 125kHz T5577 Writable RFID Smart Card Instruction Manual

Yunseity T5577

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Model: T5577

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Yunseity 125kHz T5577 Writable RFID Smart Cards. These cards are designed for use with compatible 125kHz RFID readers and access control systems.

The T5577 chip is rewritable, allowing for flexible programming and use in various applications such as sensor smart door locks, school or enterprise access control systems, and hotel room cards.

2. PRODUCT FEATURES

- **Rewritable T5577 Chip:** The T5577 chip is blank and requires programming before use. It can be erased and written over 10,000 times.
- **Universal Compatibility:** Compatible with 125kHz radio frequency identification devices (RFID) readers and access control systems that support the T5577 chip format, including 1386, 1326, and H10301 formats.
- **Durable Material:** Constructed from long-lasting, waterproof, and wear-proof PVC material.
- **Standard Size:** The card is the same size as a credit card, with a thickness of approximately 1.8mm (0.07in), making it portable.
- **Wide Application:** Suitable for sensor smart door locks, school or enterprise access control systems, general access control, and hotel room cards.

3. SETUP AND INITIAL PROGRAMMING

The Yunseity T5577 RFID cards are supplied blank and require programming before they can be used with an RFID reader or access control system. Data cannot be read from the card until it has been programmed.

1. **Acquire an RFID Writer:** Ensure you have a compatible 125kHz RFID writer device. This product does not include an RFID writer.

2. **Prepare the Writer:** Follow the instructions provided with your specific RFID writer to prepare it for programming.
3. **Program the Card:** Place a blank T5577 card on the RFID writer. Use the writer's software or interface to input the desired data (e.g., card number, access code) and write it to the card.
4. **Verify Programming:** After writing, use the RFID writer's read function to confirm that the data has been successfully stored on the card.

Rewritable Blank RFID ID Card



Image: A blank T5577 card ready for programming with an RFID writer.

4. OPERATING INSTRUCTIONS

Once programmed, the Yunseity T5577 RFID cards can be used with any compatible 125kHz RFID reader or access control system.

1. **Present the Card:** Hold the programmed RFID card within the proximity of the RFID reader. The typical reading distance varies by reader but is usually a few centimeters.
2. **Wait for Confirmation:** The reader will typically provide a visual (e.g., LED light) or audible (e.g., beep) confirmation when the card has been successfully read.

3. **Access Granted/Denied:** The access control system will then process the card's data and grant or deny access based on its programming.

Writable 125Khz ID Card for RFID Reader



Image: Demonstrating the use of a writable 125kHz ID card with an RFID reader.



Image: Examples of RFID card applications in access control systems.

5. MAINTENANCE

The Yunseity T5577 RFID cards are designed for durability and require minimal maintenance.

- **Cleaning:** Wipe the cards with a soft, dry cloth if they become dirty. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store cards in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Bending:** While durable, excessive bending or physical stress can damage the internal chip or antenna.
- **Magnetic Fields:** Keep cards away from strong magnetic fields, which could potentially interfere with their functionality.

6. TROUBLESHOOTING

- **Card Not Reading:**

- **Is the card programmed?** Ensure the card has been properly programmed with an RFID writer. Blank cards cannot be read.
 - **Is the reader compatible?** Verify that the RFID reader operates at 125kHz and supports the T5577 chip format.
 - **Is the card presented correctly?** Hold the card close enough to the reader.
 - **Is the card damaged?** Inspect the card for visible damage.
- **Card Not Writing:**
 - **Is the RFID writer functioning correctly?** Test the writer with another known good card if possible.
 - **Is the card placed correctly on the writer?** Ensure proper alignment.
 - **Interference:** Avoid using the cards on or near metal surfaces, as this can interfere with RFID signal transmission and reception.

7. SPECIFICATIONS

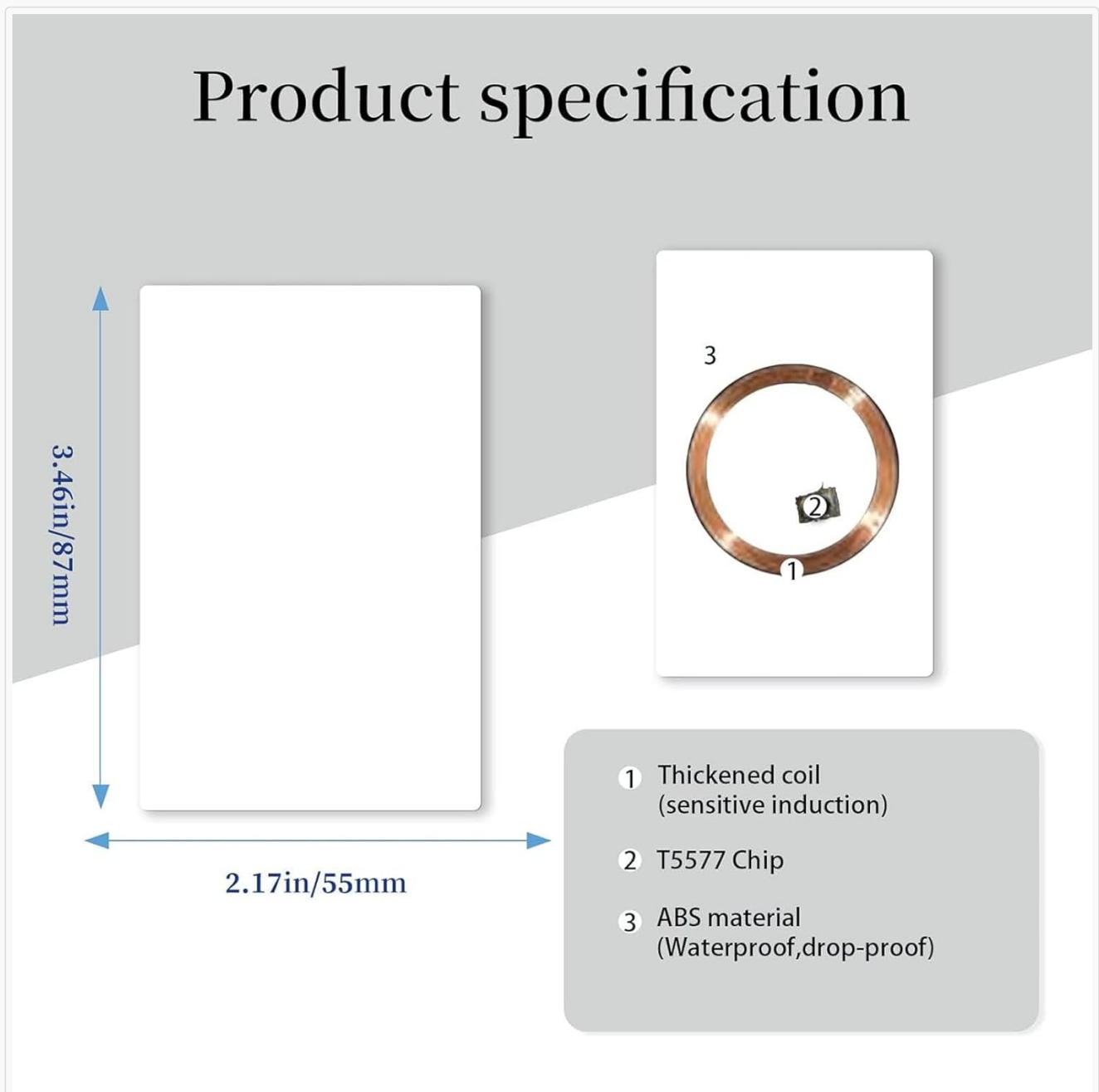


Image: Product specifications and internal components of the RFID card.

Specification	Detail
Item Type	Writable Smart Card
Chip Type	T5577
Operating Frequency	125kHz
Material	PVC (Waterproof, Wear-proof)
Color	White
Thickness	Approx. 1.8mm / 0.07in
Dimensions (L x W)	Approx. 87mm x 55mm (3.46in x 2.17in)
Rewritable Cycles	Over 10,000 times
Compatibility	125kHz RFID readers and access control systems (e.g., 1386, 1326, H10301 formats)
Package Contents	10 x Writable Smart Cards
Item Weight	Approx. 2.82 ounces (for 10 cards)

8. IMPORTANT NOTES AND WARNINGS

- **RFID Writer Required:** These cards are writable and require a separate 125kHz RFID writer for programming.
- **Initial State:** Data cannot be read from the cards before they have been programmed.
- **Metal Surfaces:** Not suitable for use on or directly adjacent to metal surfaces, as this can impair functionality.
- **Environmental Conditions:** Avoid prolonged exposure to extreme temperatures or harsh chemicals.

9. WARRANTY AND SUPPORT

For product support or warranty inquiries, please refer to the retailer or manufacturer's official support channels. Keep your purchase receipt for any warranty claims.