SHARPDO ZWS1025

SHARPDO ZWS1025 Smart Door Lock User Manual

Model: ZWS1025

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your SHARPDO ZWS1025 Smart Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety. This smart lock offers multiple unlocking methods including fingerprint, passcode, NFC, mobile app, and traditional key access.

2. Safety Information

- Do not attempt to disassemble or repair the lock yourself. Contact customer support for assistance.
- Use only specified 1.5V AA alkaline batteries. Do not mix old and new batteries or different types of batteries.
- Keep mechanical keys in a safe location outside the property.
- Avoid exposing the lock to direct sunlight or extreme temperatures for prolonged periods.
- Ensure all components are securely fastened during installation to prevent malfunction.

3. Package Contents

Verify that all components are present before beginning installation.

Image 3.1: Overview of SHARPDO ZWS1025 Smart Door Lock components. This image displays the complete set of items included with the smart lock: the exterior keypad and handle assembly, the interior handle and battery cover, two traditional mechanical keys, two NFC cards, and the mortise lock mechanism. A smartphone displaying the "Powered by Tuya" app is also shown, indicating app compatibility.

- Front Panel Assembly (Keypad and Handle)
- Rear Panel Assembly (Interior Handle and Battery Compartment)
- Mortise Lock Body
- Strike Plate and Strike Box
- Mounting Screws and Spindles
- Mechanical Keys (2)
- NFC Cards (2)
- Installation Template
- User Manual (This document)

4. Product Overview

Familiarize yourself with the different parts of your smart door lock.

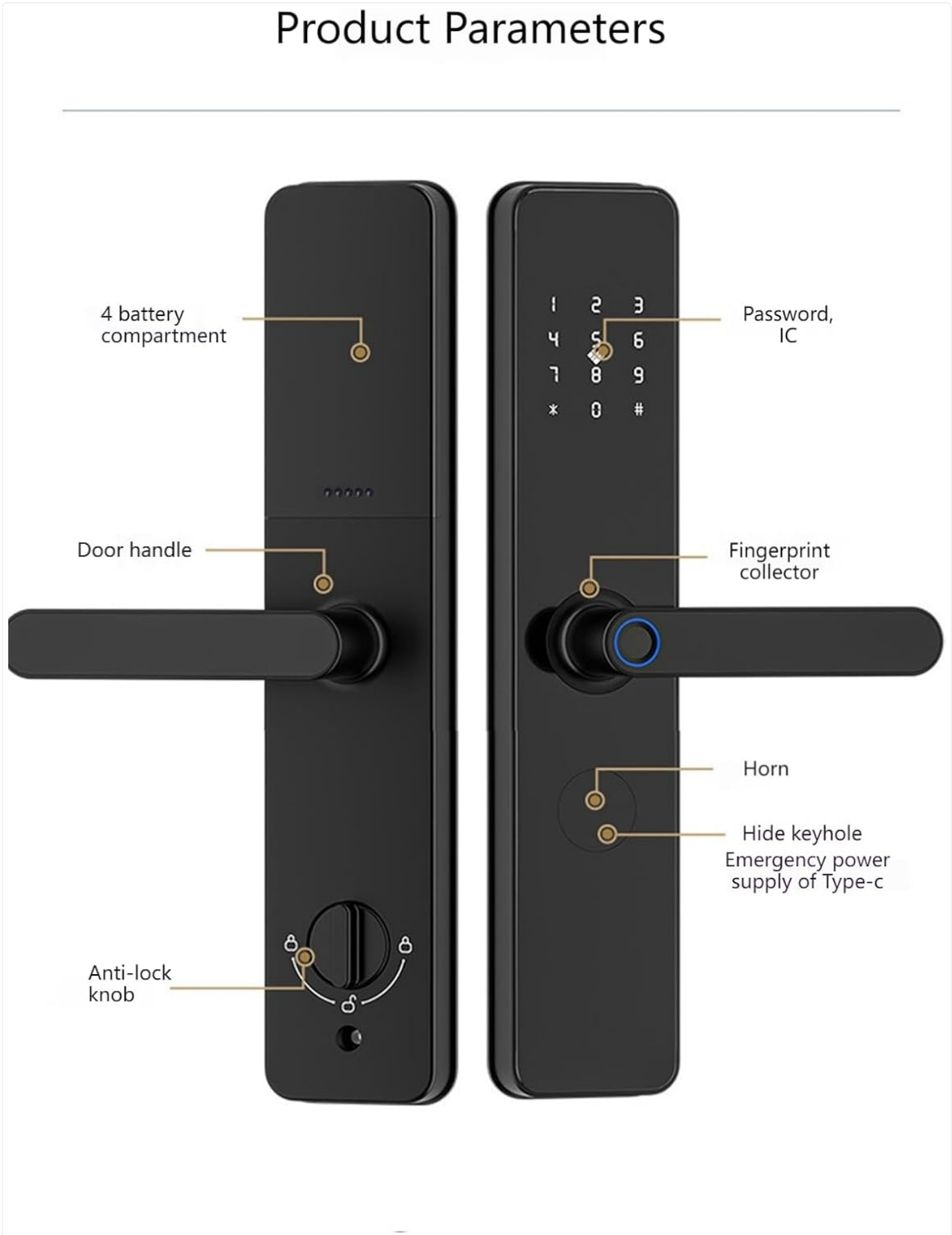

Image 4.1: Labeled diagram of the SHARPDO ZWS1025 Smart Door Lock. The image highlights key components on both the exterior and interior panels. On the exterior, it shows the password keypad, fingerprint collector, horn, hidden keyhole, and Type-C emergency power supply port. On the interior, it indicates the 4-battery compartment, door handle, and anti-lock knob.

- **Exterior Panel:** Keypad, Fingerprint Sensor, Handle, Emergency Keyhole (hidden), Type-C Emergency Power Port.
- **Interior Panel:** Battery Compartment (4x AA), Handle, Anti-lock Knob.
- **Mortise Lock:** Multi-bolt mechanism for secure locking.

5. Installation

Follow these steps carefully to install your smart door lock. It is recommended to watch the official installation video for visual guidance.

5.1 Door Compatibility

The SHARPDO ZWS1025 is suitable for various door types, including anti-theft doors, wooden doors, and painted doors. Ensure your door meets the following dimensions:

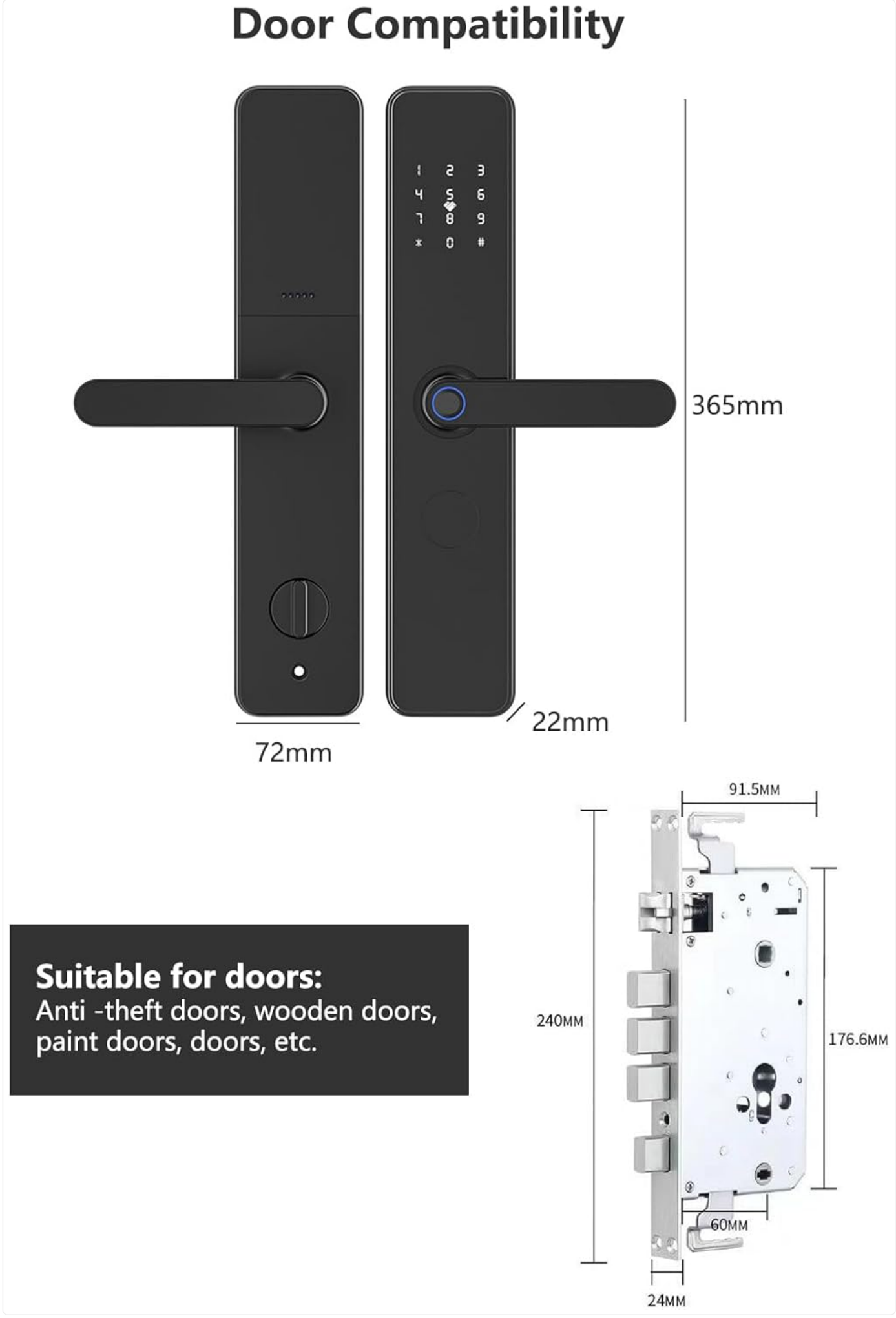

Image 5.1: Door compatibility and dimensions. This image illustrates the required dimensions for the door and the mortise lock body. The

lock assembly measures 365mm in height and 72mm in width, with a thickness of 22mm. The mortise lock body has specific measurements for its length, width, and bolt positions, ensuring proper fit within the door.

- **Lock Assembly Dimensions:** 36.5 x 7.2 x 2.2 cm.
- **Mortise Lock Body Dimensions:** Refer to Image 5.1 for detailed measurements.

5.2 Handle Direction Adjustment

The door handle is reversible to accommodate both left and right-handed doors. Adjust the handle direction before installation if necessary by disassembling and changing the direction of the screws as per the instructions provided in the installation video.

5.3 Installation Steps (General Overview)

1. Prepare the door according to the provided installation template.
2. Install the mortise lock body into the door edge.
3. Connect the cables from the exterior panel to the interior panel.
4. Mount the exterior and interior panels, securing them with screws.
5. Install the strike plate and strike box on the door frame.
6. Insert 4 AA alkaline batteries into the interior panel's battery compartment.
7. Test all unlocking methods to ensure proper function.

6. Operating Instructions

Your SHARPDO ZWS1025 Smart Door Lock offers multiple convenient ways to unlock.

Image 6.1: Overview of unlocking methods. This graphic displays five primary ways to unlock the SHARPDO ZWS1025 Smart Door Lock: IC/NFC unlocking, mobile phone Bluetooth unlocking, fingerprint unlocking, password unlocking, and traditional key unlocking.

6.1 Unlocking Methods

- **Fingerprint Access:** Place your registered finger on the semiconductor fingerprint sensor. The lock will unlock if the fingerprint is recognized.
- **Passcode Entry:** Enter your registered passcode on the keypad, followed by the '#' key.
- **NFC/IC Card:** Present a registered NFC or IC card to the designated sensing area on the lock.
- **Mobile App (TT App):** Use the TT App on your smartphone to unlock the door via Bluetooth.
- **Mechanical Key:** In case of emergency or battery depletion, use the provided mechanical key to unlock the door via the hidden keyhole.

6.2 App Configuration (TT App)

Download the TT App from your smartphone's app store. Follow the in-app instructions to pair your smart lock and manage users, passcodes, fingerprints, and NFC cards. The app allows for remote control and monitoring.

6.3 Password Management

Image 6.2: Password management features. This image illustrates three types of password functionalities: One-time password for temporary access (e.g., delivery personnel), Recurring password for regular access (e.g., home service staff), and Anti-peeping virtual bit code, which allows users to enter random numbers before or after the actual password to prevent others from guessing the code.

- **One-Time Passwords:** Generate temporary passcodes for single use, ideal for visitors or service personnel.

- **Recurring Passwords:** Set passcodes that are valid for specific periods or recurring schedules.
- **Anti-Peeping Virtual Code:** To enhance security, you can enter random digits before or after your actual passcode. The lock will still recognize the correct sequence within the longer string of numbers.

6.4 Emergency Mechanical Handle

Image 6.3: Emergency mechanical quick-opening handle. The image shows the interior side of the smart lock, highlighting the handle. The text indicates that the rear panel retains an independent mechanical quick-opening handle, which allows for quick door opening in case of an emergency, even if the electronic systems fail.

The interior panel features an independent mechanical quick-opening handle, allowing you to exit quickly in emergencies, regardless of the lock's electronic status.

7. Maintenance

7.1 Battery Replacement

The lock is powered by 4 AA alkaline batteries. When the battery level is low, the lock will provide a low-battery warning. Replace all four batteries promptly to ensure continuous operation.

- Open the battery compartment cover on the interior panel.
- Remove the old batteries and dispose of them responsibly.
- Insert four new 1.5V AA alkaline batteries, ensuring correct polarity.
- Close the battery compartment cover.

7.2 Emergency Power Supply

If the batteries are completely depleted, you can use a Type-C USB power bank to provide emergency power to the lock. Connect the Type-C cable to the port located on the bottom of the exterior panel to temporarily power the lock and gain access.

7.3 Cleaning

Wipe the lock's surface with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the finish and electronic components.

8. Troubleshooting

This section addresses common issues you might encounter with your smart door lock.

Image 8.1: Multiple alarms and indicators. This image highlights the lock's security features, specifically the anti-pry alarm, which activates with a loud noise if the door lock is tampered with, and the low battery reminder, indicating when batteries need replacement.

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries or use emergency Type-C power.
Fingerprint not recognized.	Finger is dirty, wet, or not properly placed; unregistered fingerprint.	Ensure finger is clean and dry, place it correctly on the sensor. Re-register fingerprint if necessary.
Passcode not working.	Incorrect passcode entered; passcode expired.	Verify the passcode. Check app for passcode validity or generate a new one.
Anti-pry alarm sounds.	Lock detected tampering attempt.	Inspect the lock for damage. If false alarm, check installation.

9. Specifications

Feature	Detail
Model Number	ZWS1025
Unlock Methods	Fingerprint, Passcode, NFC, Mobile App (TT App), Mechanical Key
Power Supply	4 x 1.5V AA Alkaline Batteries
Battery Life	Approximately 12 months
Emergency Power	Type-C USB
Fingerprint Sensor	Semiconductor Live Fingerprint Collector
Fingerprint Capacity	100
IC Card Capacity	200
Passcode Capacity	Unlimited dynamic passwords, 150 groups for custom/permanent passwords
Bluetooth Standard	Bluetooth BLE
Supported System	Android 4.3 / iOS 7.0 or higher
Unlock Time	~1.5 seconds
Working Temperature	-25 ℃ to +65 ℃
Material	Aluminum Alloy Integration Molding
Weatherproof Rating	IP65 (Front Panel)
Product Dimensions	36.5 x 7.2 x 2.2 cm
Item Weight	2.79 Kilograms

Image 9.1: Semiconductor live fingerprint collector performance. This image highlights the efficiency and accuracy of the fingerprint sensor, showing a false recognition rate of ≤0.001%, a true rejection rate of ≤0.01%, and a recognition speed of ≤0.5 seconds.

Image 9.2: C-level true plug lock cylinder. This image visually represents the high-security C-level lock cylinder, indicating "Extremely Strong Protection" against tampering and forced entry, compared to lower-grade lock cylinders.

10. Warranty and Support

Your SHARPDO ZWS1025 Smart Door Lock comes with a**1-year product warranty**. Additionally, you receive a free lifetime app subscription for managing your lock.

Should you encounter any issues or require assistance, please contact SHARPDO customer support. Refer to the product packaging or the official SHARPDO website for contact details.