ARPHA T229

ARPHA WiFi Video Smart Lock Instruction Manual

Model: T229

1. INTRODUCTION

The ARPHA WiFi Video Smart Lock (Model T229) is an advanced 6-in-1 keyless entry system designed to enhance home security and convenience. It integrates fingerprint recognition, a digital keypad, mobile app remote control, FOB card access, traditional physical key backup, and a built-in camera with two-way audio. This manual provides comprehensive instructions for installation, operation, maintenance, and troubleshooting to ensure you get the most out of your smart lock.

Figure 1: ARPHA WiFi Video Smart Lock with handle, keypad, camera, and included FOB cards.

2. PRODUCT COMPONENTS

Before installation, ensure all components are present:

- Front and Rear Lock Mechanism
- Deadbolt
- Fob card (x2)
- Key (x2)
- All necessary mounting screws
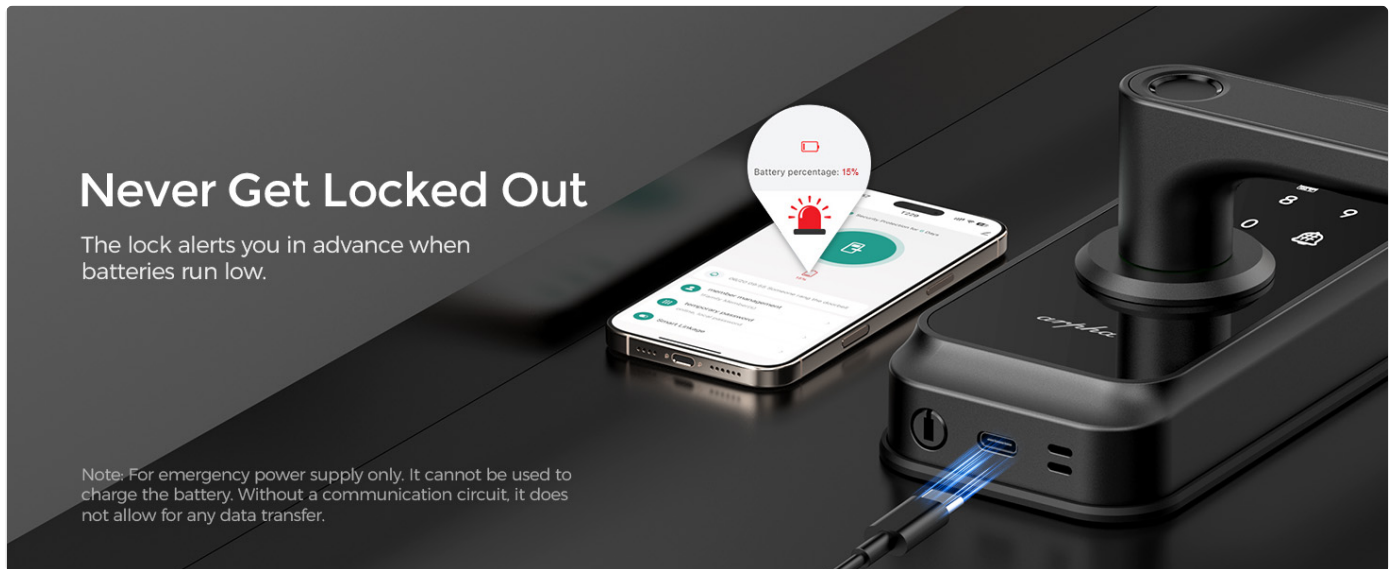- Step-by-step installation guide (physical copy)

Figure 2: Overview of the smart lock components including the front and rear assemblies, deadbolt, keys, and IC cards.

3. SETUP AND INSTALLATION

The ARPHA Smart Lock is designed for quick and easy installation, typically taking around 3 minutes. It is compatible with standard residential doors with 2-3/8" or 2-3/4" backsets and door thickness ranging from 1-3/8" to 2-1/8". No additional drilling is required for most installations.

3.1 Door Compatibility

- **Bore Hole Backset:** 2.36" or 2.76" (60mm or 70mm)
- **Bore Hole Diameter:** 1.5" or 2.13" (38mm or 54mm)
- **Door Thickness:** 1.38" to 2.17" (35mm to 55mm)
- Compatible with both left and right-handed doors.

Easy to Install

The door lock is easy to install and can be installed successfully in about 15 minutes by following the instructions.

Bore Hole Backset: 2.36"or 2.76" (60mm&70mm)

Door Thickness: 1.38"-2.17"(35mm-55mm)

Bore Hole Diameter: 1.5"or 2.13"(38mm&54mm)

Figure 3: Diagram illustrating door compatibility measurements for installation.

3.2 Battery Installation

The smart lock requires high-quality alkaline AA batteries for optimal performance and longest battery life. Batteries are not included with the product. Ensure correct polarity when inserting batteries.

3.3 Wi-Fi Connection

The lock features built-in Wi-Fi connectivity for remote access and control via the Tuya app. For optimal performance, ensure your router supports the 2.4GHz band, as 5GHz is not compatible.

Figure 4: The smart lock's direct Wi-Fi connectivity to a router for remote access.

4. OPERATING INSTRUCTIONS

The ARPHA Smart Lock offers multiple convenient ways to unlock and manage access.

4.1 Unlocking Methods

- **Fingerprint Recognition:** The biometric sensor provides 99.7% accuracy and unlocks in under 1 second. It can

store up to 100 fingerprint profiles.

- **Digital Keypad:** Enter your personalized passcode on the illuminated keypad.
- **Mobile App Control:** Use the Tuya app to remotely unlock your door, view live camera footage, and communicate with visitors.
- **FOB Card Access:** Tap the included FOB cards to quickly unlock the door.
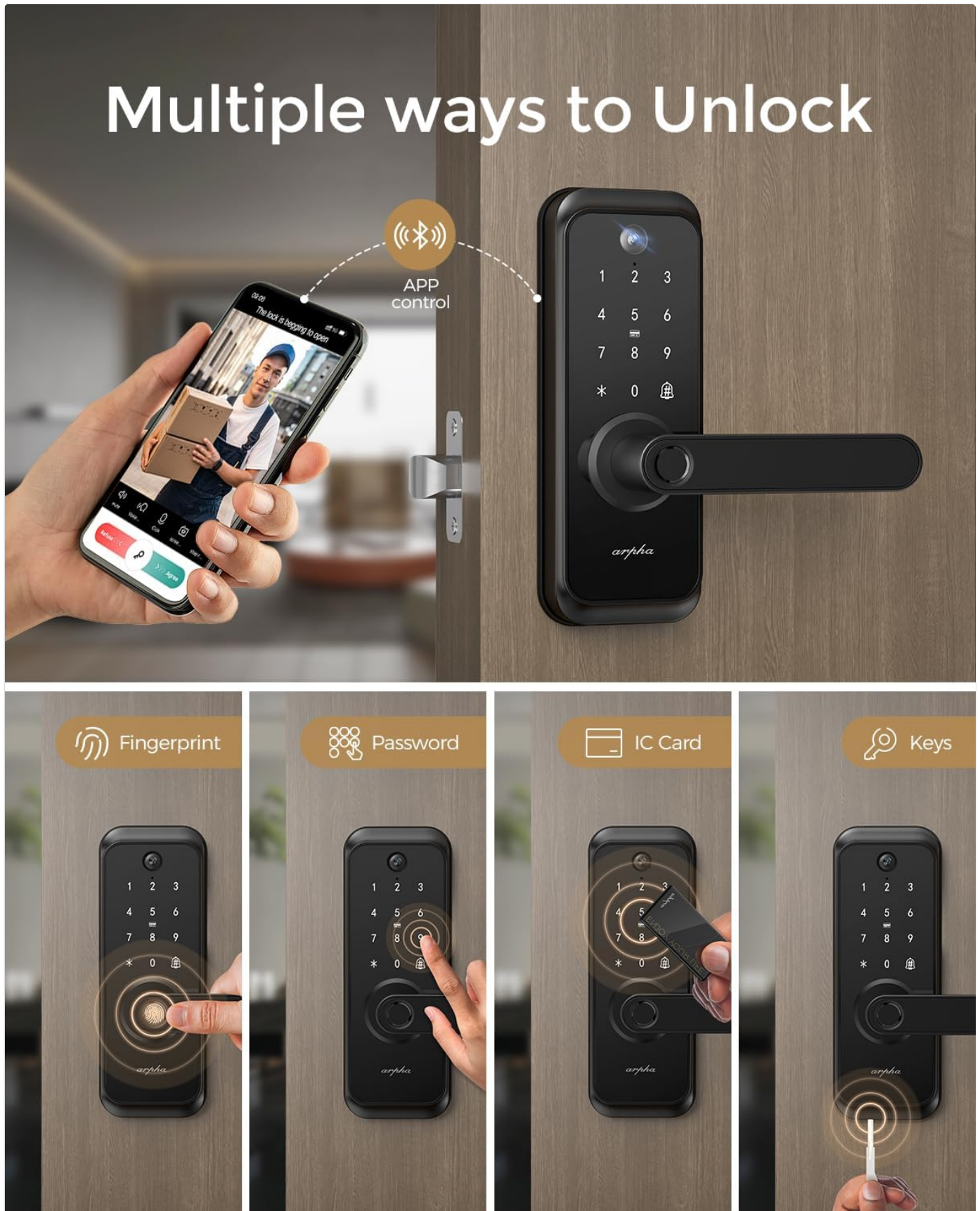- **Physical Key:** For traditional backup, use the provided physical keys.

Figure 5: Visual representation of the various unlocking methods available.

4.2 Two-Way Audio and Camera Features

The smart lock features a 160-degree wide-angle camera and built-in two-way microphone and speaker. When a visitor presses the doorbell button, the system sends real-time notifications to your Tuya app, allowing you to see, hear, and speak to them remotely.
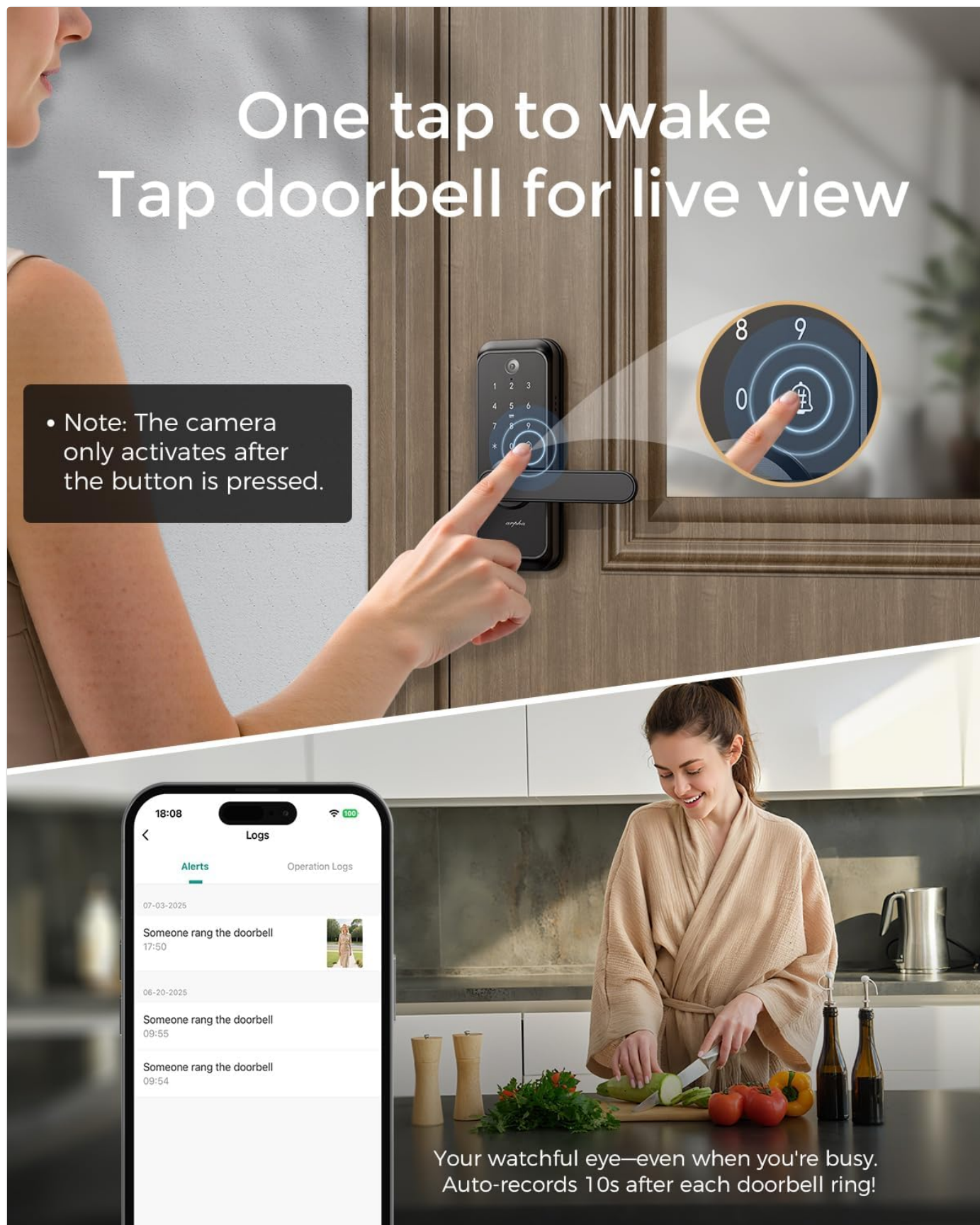

Figure 6: Demonstrating the convenient two-way audio feature for communicating with visitors.

Note: The camera and remote unlock features require the doorbell button to be pressed to activate Wi-Fi for each interaction.

Figure 7: Tapping the doorbell button activates the camera for live view and auto-records 10 seconds after each ring.

4.3 Auto-Lock Function

The smart lock features an auto-lock function for added security, ensuring your door is always secured after entry or exit.

4.4 Volume Settings

You can adjust the volume of the smart lock's voice prompts. Follow these steps:

1. Press 0 + # to enter the setting function.

2. Enter the administrator password and # key to confirm.

3. To adjust the volume, press 3.

4. Select desired volume level:

   - Press 1 for Silent volume.

   - Press 2 for Low volume.

   - Press 3 for Medium volume.

   - Press 4 for High volume.

5. Verify the volume of the 4 options. You can set the volume as desired.

6. To return to the previous level, press the * key.

Your browser does not support the video tag.

Video 1: Tutorial on adjusting the volume settings of the ARPHA Smart Lock.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ARPHA Smart Lock.

5.1 Battery Replacement

The lock will alert you in advance when batteries run low. Replace all batteries with new, high-quality alkaline AA batteries when prompted to avoid interruption of service.
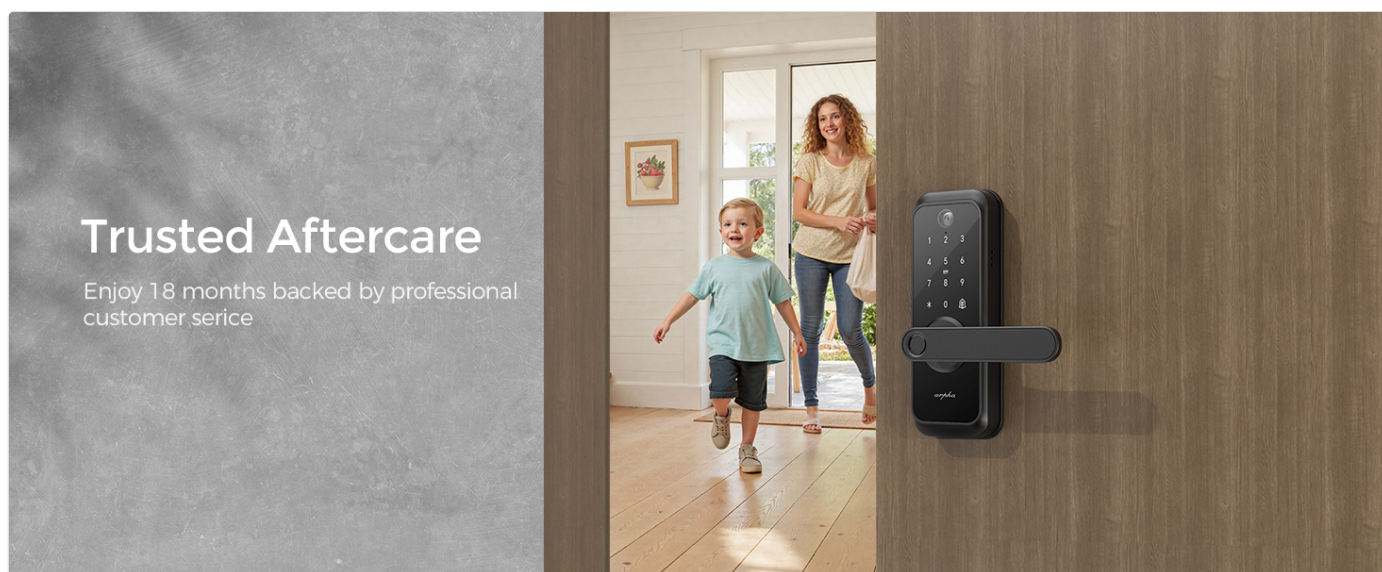

Figure 8: The smart lock provides low battery alerts and can be temporarily powered via USB-C for emergency access.

Note: The USB-C port is for emergency power supply only. It cannot be used to charge the battery or for data transfer.

5.2 Cleaning

Wipe the lock's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

5.3 Environmental Conditions

The lock is designed to operate in temperatures from -4°F (-20°C) to 122°F (50°C) and humidity from 0-95%. It is also waterproof (IP65 rated), ensuring durability in various weather conditions.

Figure 9: The smart lock is built to withstand a wide range of working environments.

6. TROUBLESHOOTING

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

6.1 Wi-Fi Connectivity Issues

- Ensure your Wi-Fi router is operating on the 2.4GHz band. The lock is not compatible with 5GHz networks.
- Verify that the doorbell button is pressed to activate Wi-Fi for camera and remote unlock functions.
- Check your Wi-Fi signal strength at the door.

6.2 Fingerprint Recognition Failures

If there are consecutive fingerprint recognition failures (e.g., after 5 failed attempts), the lock will auto-lock for protection and sound an alarm. It will also capture a photo for your records.
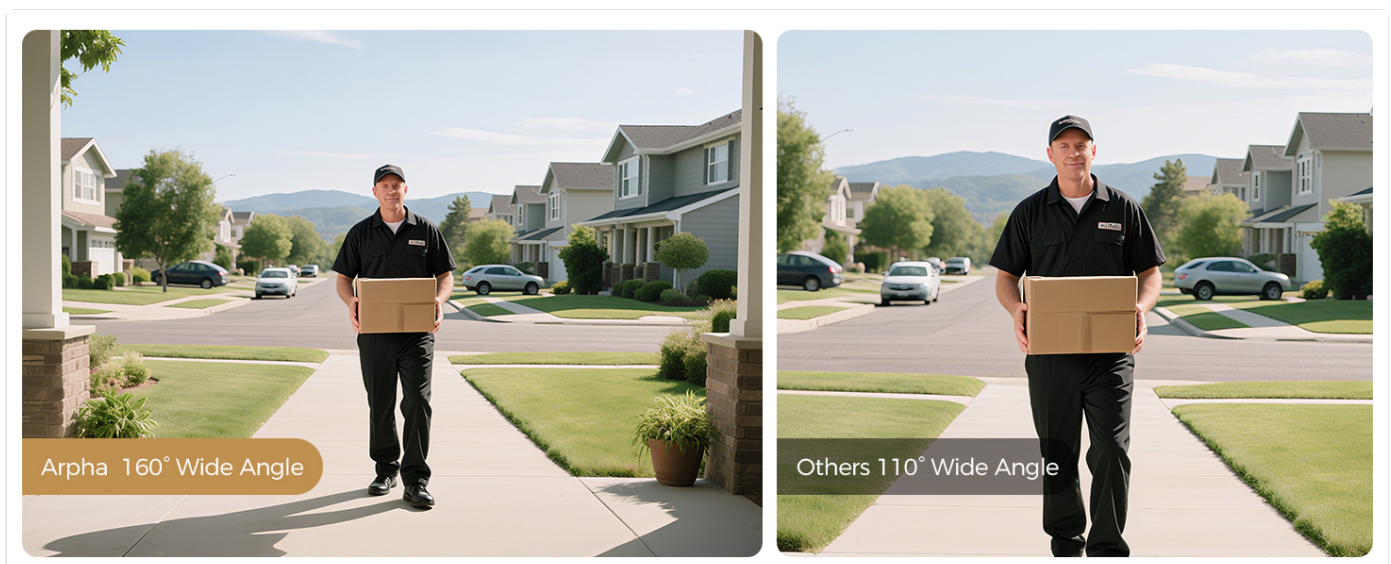

Figure 10: The smart lock's enhanced security mode activates after multiple failed fingerprint attempts, triggering an alarm and recording.

- Ensure your finger is clean and dry.
- Reposition your finger on the sensor.
- Re-register your fingerprint if issues persist.

6.3 Lock Not Responding

- Check battery levels. Replace batteries if low.
- If completely unresponsive, use the emergency USB-C power port or the physical key.

7. SPECIFICATIONS

Feature	Detail
Brand	ARPHA
Model Name	T229
Lock Type	Biometric, Keypad
Special Features	2-Way Audio, APP Remote Access, Fingerprint, Fob Unlock, Passcode Unlock
Connectivity Protocol	Wi-Fi (2.4GHz only)
Material	Zinc
Color	Black
Item Weight	3 Pounds
Product Dimensions (L x W x H)	7.48 x 6.29 x 2.75 inches
Power Source	AA Batteries (not included)
Operating Temperature	-4°F (-20°C) to 122°F (50°C)
Operating Humidity	0-95%
Door Thickness Compatibility	1-3/8" to 2-1/8" (35mm to 55mm)
Backset Compatibility	2-3/8" or 2-3/4" (60mm or 70mm)

8. WARRANTY AND SUPPORT

ARPHA is committed to providing exceptional customer support and assurance for your smart lock.

- **Money-Back Guarantee:** Enjoy a 30-day money-back guarantee.
- **Assurance:** The product comes with an 18-month assurance period.
- **Technical Support:** Lifetime technical support is available.
- **Customer Service:** A dedicated support team is available 24/7 via email to assist with any inquiries or issues.

Figure 11: ARPHA's commitment to trusted aftercare and customer service.