IKOED TY140

IKOED TY140 Fingerprint Door Lock with Smart App User Manual

Model: TY140 Silver

Introduction

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your IKOED TY140 Fingerprint Door Lock. This smart door lock offers multiple access methods including fingerprint recognition, smart app control, and traditional mechanical keys, enhancing convenience and security for your home, bedroom, office, apartment, or Airbnb property.



Image: The IKOED TY140 Fingerprint Door Lock in silver, featuring a sleek handle with an integrated fingerprint sensor. A smartphone screen next to it displays the lock's control application, highlighting its smart capabilities. Two physical keys are also shown, indicating a backup access method.

Package Contents

Please verify that all components are present before beginning installation:

- Front Handle Assembly (with fingerprint sensor)
- Rear Handle Assembly
- Latch Mechanism
- Strike Plate
- Mounting Screws and Hardware
- Mechanical Keys (for emergency backup)
- Instruction Manual
- Screwdriver (included for installation)

Installation Guide

The IKOED TY140 Fingerprint Door Lock is designed for easy installation, typically requiring only a screwdriver. No additional drilling is needed for most standard US doors.

Door Compatibility:

- Fits most standard single-cylinder US doors.
- Door thickness: 1-3/8" (35mm) to 2-3/16" (55mm).
- Adjustable latch: 2-3/8" (60mm) or 2-3/4" (70mm) backset.



Image: A detailed diagram illustrating the required door dimensions for installing the IKOED TY140 lock. It highlights the compatible door thickness range (35mm to 55mm) and adjustable latch backset (60mm or 70mm), along with indications for both right-handed and left-handed door installations.

Step-by-Step Installation:

1. **Prepare the Door:** Ensure your door meets the compatibility requirements. Remove any existing door hardware.

2. **Install the Latch:** Insert the latch mechanism into the door edge. Ensure the latch bolt faces the correct direction for your door swing. Secure with screws.
3. **Install the Strike Plate:** Attach the strike plate to the door frame, aligning it with the latch bolt.
4. **Install the Front Handle:** Position the front handle assembly on the exterior side of the door, feeding the spindle and wires through the door hole.
5. **Install the Rear Handle:** Connect the wires from the front handle to the rear handle assembly. Align the rear handle with the front handle and secure it using the provided mounting screws.
6. **Test Operation:** After installation, test the mechanical operation of the handle and latch before proceeding with smart setup.



Image: A close-up view of a hand using a screwdriver to install the IKOED TY140 door lock onto a white door. This image emphasizes the product's claim of easy installation, suggesting that no specialized tools or professional skills are required.

Smart Setup and Operation

1. App Control (Tuya Smart App)

The IKOED TY140 lock integrates with a smart app (e.g., Tuya Smart) for comprehensive control and management.

- **Download the App:** Search for "Tuya Smart" or a compatible app in your smartphone's app store.
- **Register/Log In:** Create an account or log in to your existing account.
- **Add Device:** Follow the in-app instructions to add your IKOED TY140 door lock. This typically involves putting the lock into pairing mode (refer to the lock's specific instructions for this step).
- **Features:** Once connected, you can:
  - Unlock the door remotely.
  - Manage users (add, delete, modify access).
  - Add or delete fingerprints.
  - Set access modes (e.g., always open, timed access).
  - Activate silent mode.
  - View access records and history.

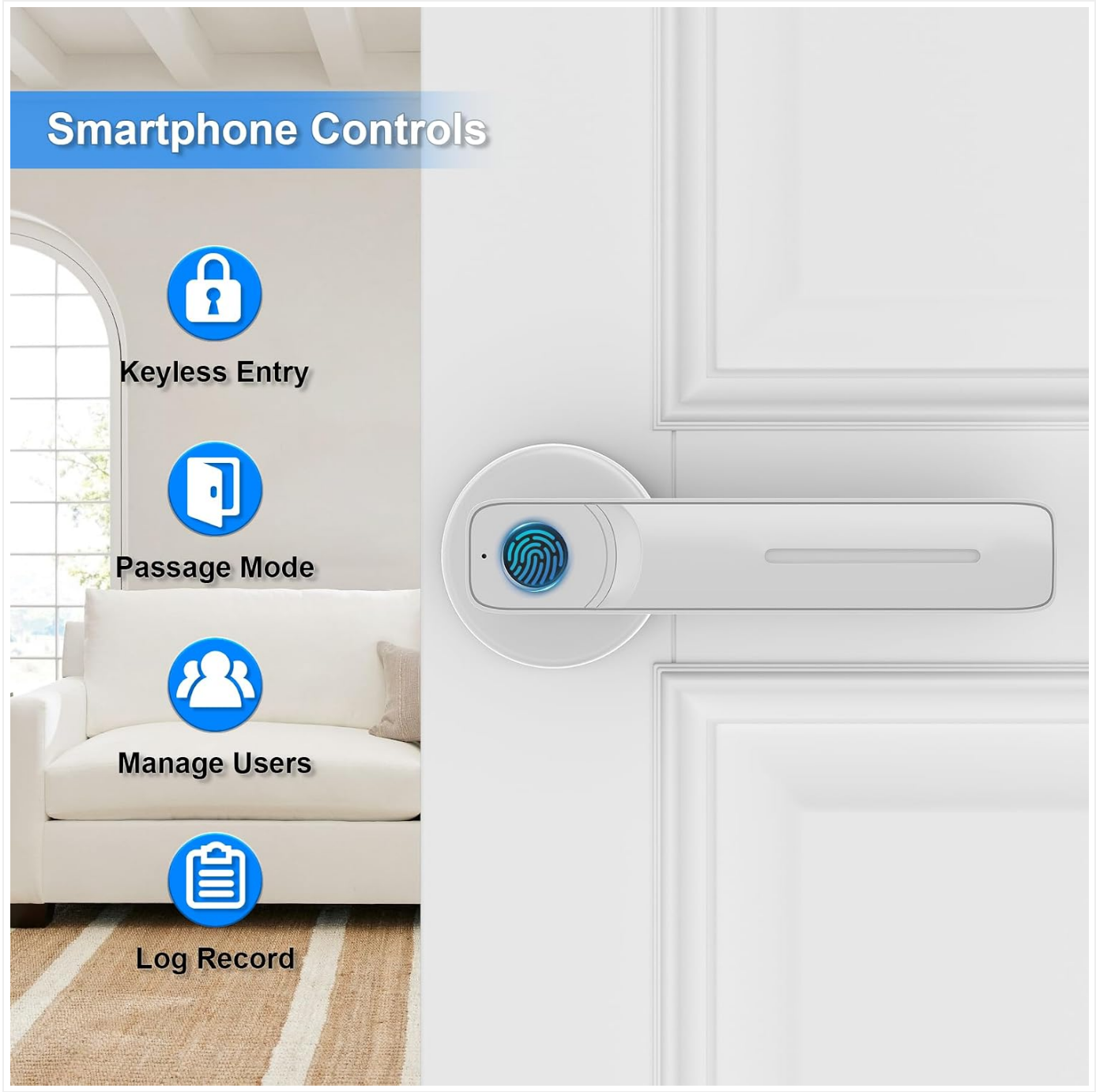


Image: A smartphone screen showcasing the intuitive interface of the IKOED smart lock application. Icons and text indicate various control options, including keyless entry, passage mode activation, user management, and access log review, demonstrating the comprehensive control available through the app.



Image: A close-up of a smartphone screen showing the "Smart App Unlock" feature of the IKOED door lock. The interface displays options for "Temporary Code" and "Member Management," illustrating how users can control access and manage permissions directly from their mobile device.

2. Fingerprint Unlocking

The lock features a 508 DPI fingerprint sensor module for quick and secure access.

- **Enroll Fingerprints:** Use the smart app to add new fingerprints. Follow the on-screen prompts to scan your finger multiple times from different angles for optimal recognition. The lock supports storage of up to 100 sets of fingerprints.
- **Unlocking:** Place your registered finger on the sensor. The lock will recognize your fingerprint within 0.5 seconds with a recognition rate exceeding 98%.

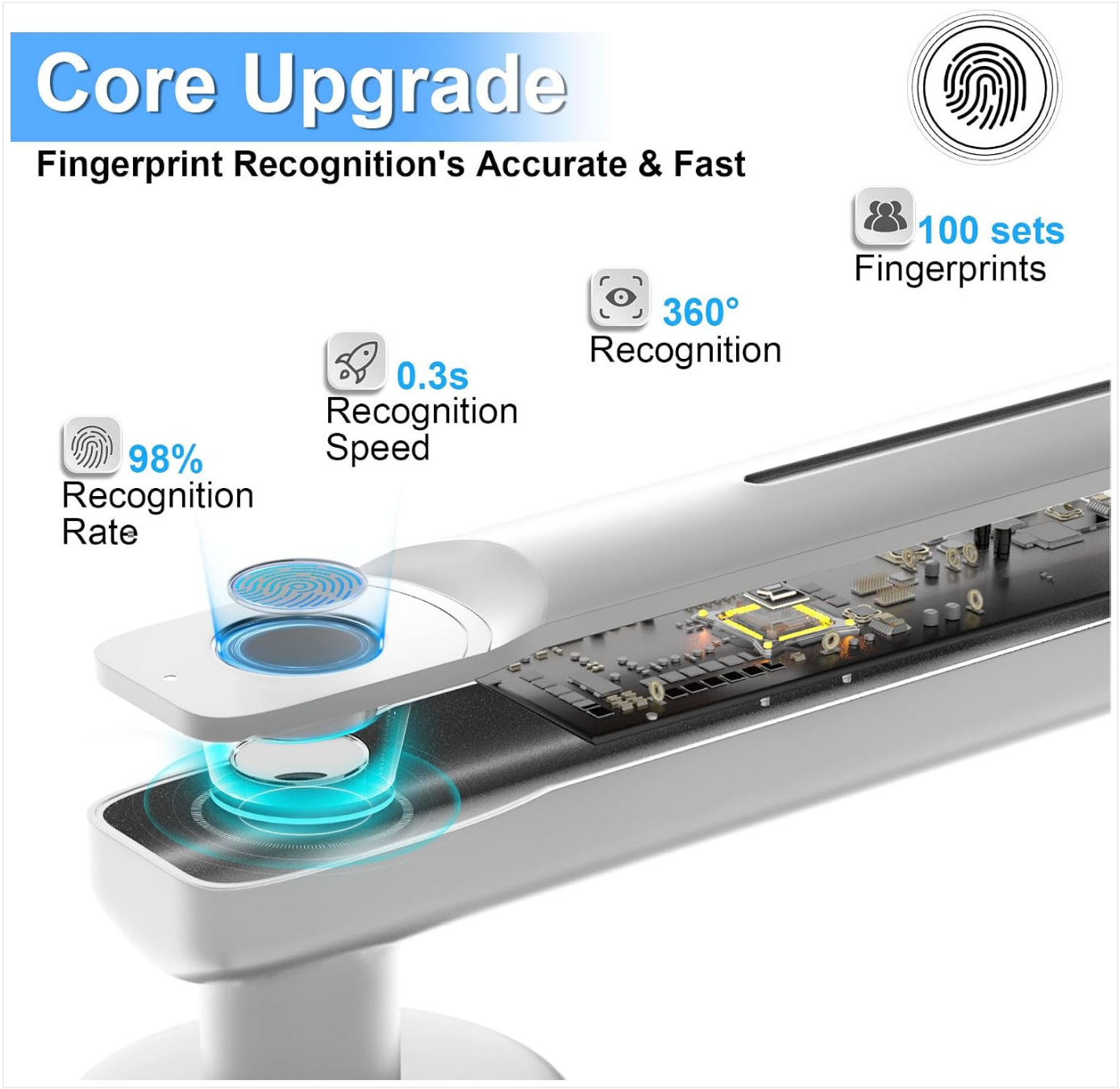


Image: An exploded view diagram showcasing the "Core Upgrade" of the IKOED lock's fingerprint sensor. It highlights key features such as 360-degree recognition, a rapid 0.3-second recognition speed, and a high 98% recognition rate, along with the capacity to store up to 100 fingerprints.

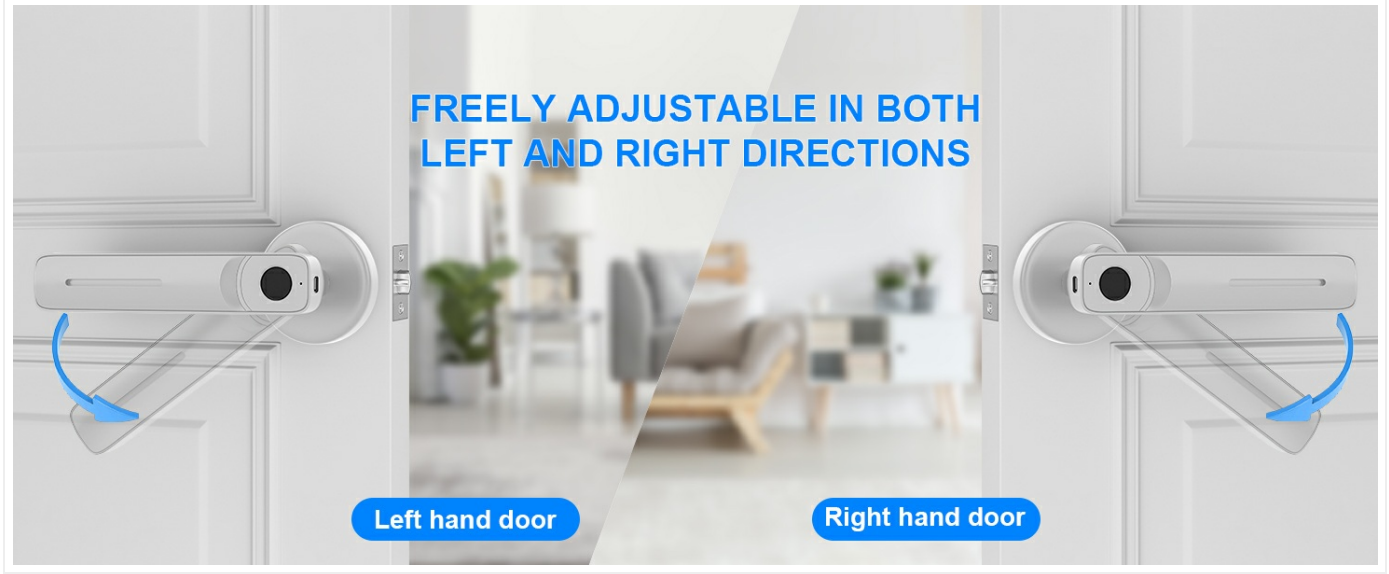


Image: A hand demonstrating the "Quick Fingerprint Recognition" feature of the IKOED door lock. A finger is placed on the illuminated fingerprint sensor, indicating the rapid and accurate biometric unlocking process.

3. Mechanical Key Access

In case of emergencies, such as battery exhaustion or system malfunction, the lock can be opened using the provided mechanical keys.

- Insert the key into the keyhole located on the exterior handle.
- Turn the key to unlock the door.

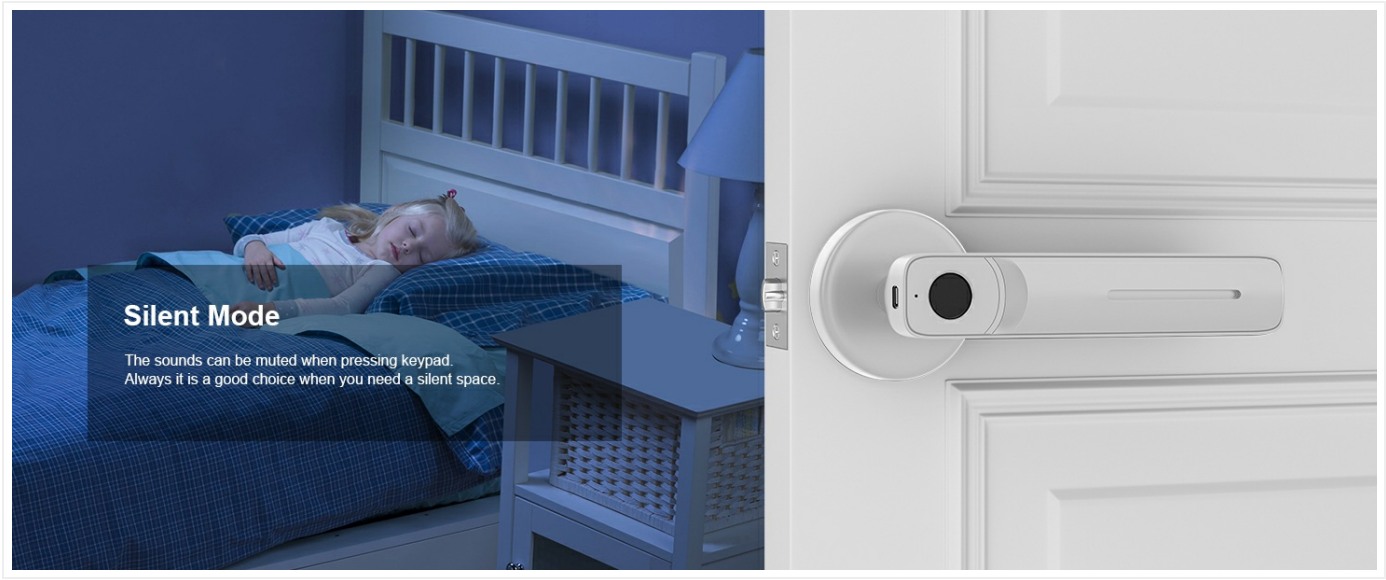


Image: The IKOED door lock illustrating the use of physical keys for emergency access. A key is inserted into the lock, and a "Low Battery Alert" is displayed, emphasizing the importance of the mechanical key as a backup in situations like battery depletion.

Advanced Features

- **Auto-Locking:** Configure custom auto-lock time ranges (1-30 seconds) via the app.
- **Silent Mode:** Mute keypad sounds for quiet operation, ideal for bedrooms or offices.



Image: A woman leaving a house, with the IKOED smart lock visible on the door. An overlay highlights the "Auto-Lock Custom Time Range" feature, indicating that the lock can be set to automatically secure the door after a user-defined period (1-30 seconds) via the app.

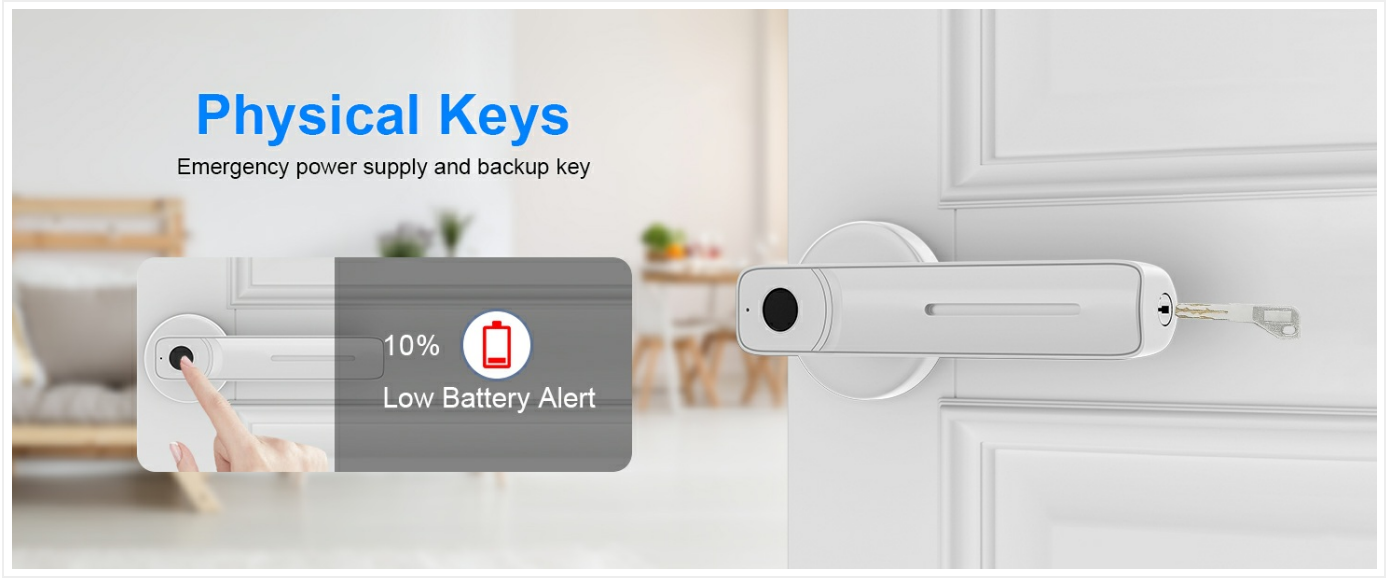


Image: A serene bedroom scene with a child sleeping, featuring the IKOED door lock on the door. An overlay highlights "Silent Mode," indicating that the lock's sounds can be muted, providing a quiet environment, especially useful for bedrooms.

Maintenance

- **Battery Replacement:** The lock is battery-powered. When the battery is low, a low battery alert will be issued. Replace batteries promptly to ensure continuous operation. (Battery type not specified, typically AA or AAA).
- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Fingerprint Sensor Care:** Keep the fingerprint sensor clean and dry for optimal performance.

Troubleshooting

- **Lock Not Responding:**
  - Check battery level and replace if necessary.
  - Use the mechanical key for emergency access.
  - Ensure the handle is properly installed and not jammed.
- **Fingerprint Not Recognized:**
  - Ensure your finger is clean and dry.
  - Try scanning from different angles.
  - Re-enroll your fingerprint through the app if issues persist.
  - Note: Some users report reduced recognition with cold fingers; try warming your finger.
- **App Connectivity Issues:**
  - Ensure Bluetooth is enabled on your smartphone.
  - Restart the app and/or your smartphone.
  - Check if the lock is within Bluetooth range.
  - Verify your Wi-Fi connection if using remote features (requires a compatible gateway, not explicitly stated as included but implied by "App Control").
- **Lock Jams:**
  - Ensure the door frame and strike plate are properly aligned.
  - Check for any obstructions in the door or frame.

- If the issue persists, contact customer support.

Specifications

Feature	Detail
Brand	IKOED
Model Name	TY140
Color	Silver
Lock Type	Biometric
Special Features	Adjustable, Fingerprint, Lockable
Material	Zinc
Item Dimensions (L x W x H)	7 x 3.15 x 10 inches
Item Weight	1.7 Pounds
Control Method	App
Power Source	Battery Powered
Installation Method	Screw-In
Fingerprint Sensor	508 DPI, 360° recognition, >98% recognition rate, 0.5s speed
Fingerprint Capacity	Up to 100 sets

Warranty and Support

IKOED provides a **12-month warranty** and **lifetime free technical support** for this product. If you encounter any questions or issues, please do not hesitate to contact IKOED customer service for assistance.

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