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## TEKXDD TY190

# TEKXDD Smart Door Lock with Keypad Handle

MODEL: TY190

## Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your TEKXDD Smart Door Lock (Model TY190). This 4-in-1 smart lock offers multiple unlocking methods including APP, fingerprint, key, and password, designed for convenient and secure access.

Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

## Safety Information

- Keep backup keys in a safe place outside the property.
- Do not expose the lock to direct sunlight or rain for extended periods.
- Avoid using corrosive substances to clean the lock.
- Ensure batteries are inserted with correct polarity. Replace all four batteries simultaneously when the low-battery reminder activates.
- In case of battery failure, use the emergency USB port or physical key for access.

## Product Overview

The TEKXDD Smart Door Lock offers versatile access control with its integrated keypad handle. It supports the following unlocking methods:

- **APP Unlocking:** Control and monitor your lock remotely via the Tuya BLE APP.
- **Fingerprint Unlocking:** Fast and secure biometric access.
- **PIN Code Unlocking:** Keypad entry with customizable passwords.
- **Key Unlocking:** Traditional mechanical key for emergency access.



APP Unlock



Fingerprint Unlock



PIN Code Unlock



Key Unlock



works with  
TUYA

*Image: Overview of TEKXDD Smart Door Lock components, including the main handle with keypad and fingerprint sensor, the interior handle, latch bolt, mechanical keys, and various screws and tools for installation.*

## Setup and Installation

Installation typically takes about 20 minutes with basic tools like a screwdriver and drill bit. The lock is designed to fit most Canadian standard wooden doors (thickness: 1.49-1.97 inches, hole diameter: 2-1/8 inches) and metal doors, featuring an adjustable latch.

### 1. Prepare the Door

Ensure your door meets the specified dimensions. The latch is adjustable for different backset distances (60mm or 70mm).



Latch Bolt



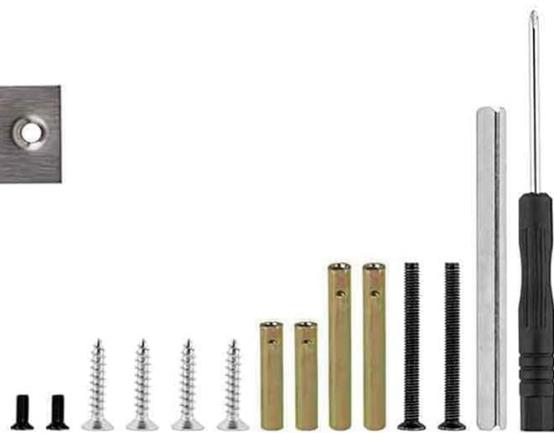
Strike



Mechanical Key



Manual



Screwdriver and Screws Kit

*Image: Detailed dimensions of the smart door lock handle (150mm length, 65mm height, 28mm width) and the latch bolt (85mm length, 60mm/41mm adjustable backset).*

## 2. Adjust Latch Direction

The handle is reversible for left or right-handed doors. Adjust the latch direction according to your door's opening direction (inward or outward, left or right).

# FREE HANDLE/MANGO LIBRE

You can open the door to the left or to the right



Image: Visual guide showing the handle orientation for "left open" and "open right" door configurations.

## 3. Install the Latch Bolt

Insert the latch bolt into the door edge and secure it with screws. Ensure the angled part of the latch faces the door frame for proper closing.

## 4. Connect Wiring and Install Handles

Pass the IC wire from the exterior handle through the door hole. Connect the wire to the interior handle's battery panel. Secure both handles to the door using the provided screws and connecting rods.

Your browser does not support the video tag.

Video: Step-by-step guide on how to install the smart door lock with handle, covering latch adjustment, handle assembly, and wiring connection.

Your browser does not support the video tag.

Video: Demonstrates the process of installing a door handle, including securing the latch and attaching the handles to the door.

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Video: A smart door lock installation tutorial, providing visual guidance for each step of the setup process.

## 5. Install Batteries

Open the battery compartment on the interior handle. Insert 4 AAA batteries (not included), ensuring

correct polarity. Close the battery cover.

## Operating Instructions

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### 1. APP Unlocking (Tuya BLE APP)

- Download the Tuya Smart APP from your app store.
- Follow the in-app instructions to pair your smart lock.
- Use the APP to unlock/lock the door, manage users, generate dynamic passwords for guests, and view access logs.
- Receive real-time alerts for family member returns or abnormal alarms.
- Adjust the auto-lock time (1-30S) and door lock volume via the app.

### 2. Fingerprint Unlocking

- Register your fingerprints through the APP or directly on the lock (refer to APP user guide for detailed steps).
- Place your registered finger on the fingerprint sensor to unlock.

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*Video: Instructions on how to add user fingerprints to the smart door lock for biometric access.*

### 3. PIN Code Unlocking

- Wake up the keypad by touching it.
- Enter your registered PIN code followed by "#" to unlock.
- **Virtual Password Anti-Snooping:** You can enter random numbers before and after your actual password to prevent others from guessing your code.
- **Silent Mode:** The keypad can be set to silent mode via the app for quiet operation.

### 4. Key Unlocking

In case of electronic malfunction or battery depletion, use the provided mechanical key to unlock the door.

### 5. Auto-Lock and Passage Mode

- **Auto-Lock:** The lock can be configured via the app to automatically lock after a set period (1-30 seconds) after closing.
- **Passage Mode:** Activate this mode via the app to keep the door unlocked for frequent access, ideal for periods when many people need to enter and exit.

## Maintenance

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### Battery Replacement

The smart lock is powered by 4 AAA batteries (not included). When the low-battery reminder activates, replace all four batteries promptly. To replace:

1. Unscrew the cover on the interior handle.
2. Carefully disconnect the battery pack wiring.
3. Remove old batteries and insert new 4 AAA batteries, ensuring correct polarity.
4. Reconnect the wiring and secure the cover.

## Emergency Power

If batteries completely deplete and you are locked out, use the USB emergency port on the exterior handle to temporarily power the lock with a power bank for access.

## Troubleshooting

- **Lock not responding:** Check battery levels. If low, replace batteries or use the USB emergency port.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint through the app.
- **Forgotten password:** Reset the password via the Tuya Smart APP.
- **Door not locking/unlocking smoothly:** Check for any obstructions in the door frame or ensure the latch bolt is correctly aligned.
- For further assistance, refer to the detailed troubleshooting section in the Tuya Smart APP User's Guide or contact customer service.

## Specifications

<b>Brand</b>	TEKXDD
<b>Model Number</b>	TY190
<b>Product Dimensions</b>	10 x 2 x 3 cm
<b>Item Weight</b>	454 g
<b>Material</b>	Aluminum
<b>Colour</b>	Black One Piece
<b>Lock Type</b>	Biometric
<b>Batteries Required</b>	Yes (4 AAA, not included)
<b>Special Feature</b>	Office available

## Warranty and Support

The TEKXDD Smart Door Lock comes with a 30-day refund and replacement service. If you encounter any issues with your smart fingerprint door lock, please contact TEKXDD customer service. We aim to provide a satisfactory reply within 24 hours.

Please ensure to check your door size before purchasing to avoid compatibility issues.