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Tapo DL100

Tapo Smart Wi-Fi Deadbolt Door Lock DL100 User Manual

1. INTRODUCTION

The Tapo DL100 Smart Wi-Fi Deadbolt Door Lock provides secure and convenient access to your home. This device integrates smart features for enhanced security and ease of use, allowing multiple access methods and remote management.

Key features include:

- Multiple unlocking methods: Keyless keypad, Bluetooth, Wi-Fi remote access, voice commands, and physical backup keys.
- Customizable access management for family, guests, and service personnel.
- Long-lasting battery life with emergency power options.
- Real-time notifications and activity logs via the Tapo App.
- Automatic locking functionality with customizable intervals.
- Durable construction with BHMA Grade 3 certification and IP54 weatherproof rating.
- Compatibility with standard door sizes and smart home platforms like Alexa, Google Home, and Samsung SmartThings.



Image 1.1: Overview of the Tapo DL100 Smart Wi-Fi Deadbolt Door Lock and its primary features.

2. WHAT'S INCLUDED

Verify that all components are present in the package before beginning installation:

- Exterior Assembly (Outdoor Lock)
- Interior Assembly (Indoor Lock)
- Bolt
- Strike Plate
- Dust Box
- Mounting Plate
- 4 AA/LR6 Batteries
- 2 Physical Keys
- Silicone Cover
- Measuring Template
- 2 Installation Reference Line Stickers
- Screws (M4*32)×2; (ST4*25)×4; (M4*7.5)×3; (ST4*25)×4
- Quick Start Guide

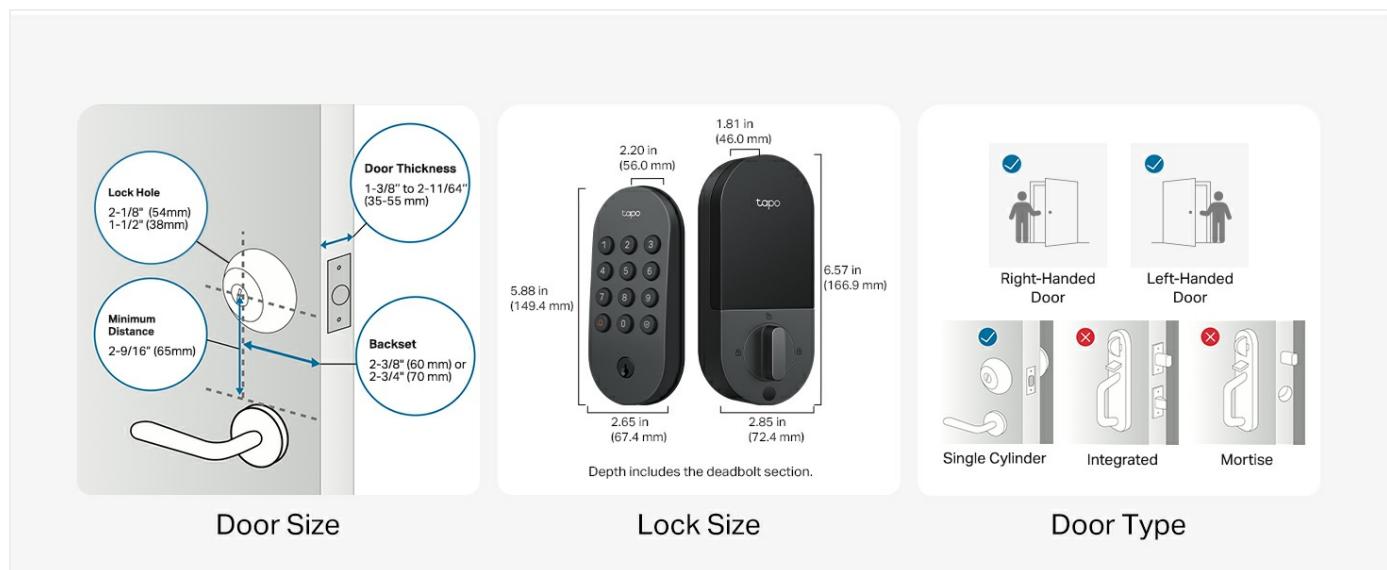


Image 2.1: Contents of the Tapo DL100 package.

3. INSTALLATION

The Tapo DL100 is designed for straightforward installation on standard doors, typically within 15 minutes. No additional drilling is required for standard setups.

3.1 Door Compatibility

Ensure your door meets the following specifications:

- **Door Thickness:** 1-3/8" to 2-11/64" (35-55 mm)
- **Lock Hole Sizes:** 2-1/8" (54mm) and 1-1/2" (38mm)
- **Backset:** 2-3/8" (60 mm) or 2-3/4" (70 mm)
- **Minimum Distance:** 2-9/16" (65mm) from the center of the lock hole to the edge of the door.

The lock is compatible with both right-handed and left-handed doors. It is designed for single cylinder deadbolt

configurations and is not compatible with integrated or mortise lock types.

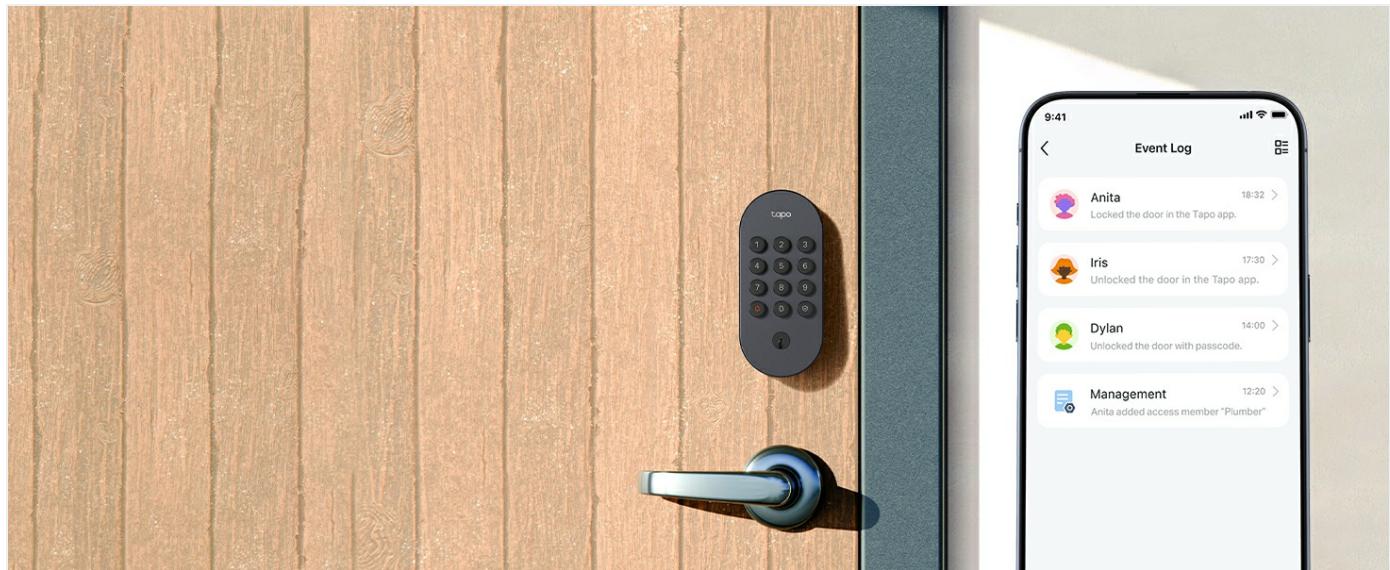
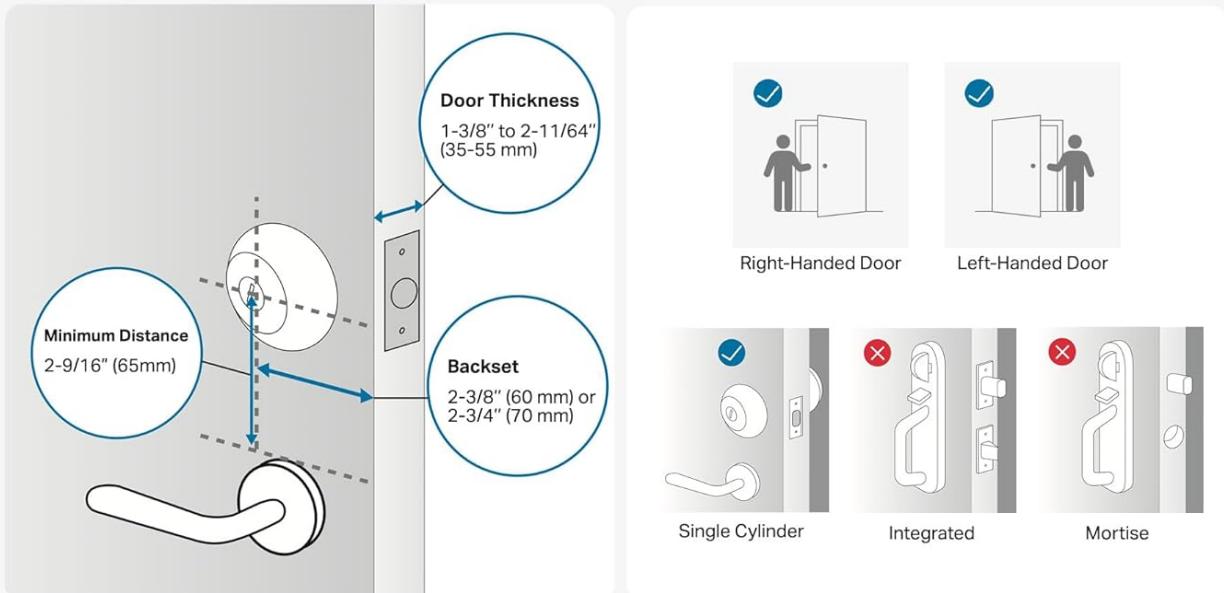


Image 3.1: Door compatibility and dimensions for the Tapo DL100.

3.2 Installation Steps

Refer to the included Quick Start Guide for detailed, step-by-step installation instructions. The process generally involves:

1. Prepare the door and frame, ensuring existing hardware is removed.
2. Install the bolt into the door edge.
3. Attach the exterior assembly (keypad) to the door.
4. Install the mounting plate on the interior side of the door.
5. Connect the cable from the exterior assembly to the interior assembly.
6. Secure the interior assembly to the mounting plate.
7. Insert the AA batteries into the interior assembly.
8. Perform the door handing identification process as instructed in the Quick Start Guide.



Door Compatibility

tapo

Image 3.2: Illustrative image of the installation process.

4. INITIAL SETUP AND APP CONFIGURATION

4.1 Downloading the Tapo App

To utilize the smart features of your DL100 lock, download the Tapo app from the Apple App Store or Google Play Store.

4.2 Pairing the Lock

Follow the in-app instructions to pair your Tapo DL100 lock with your smartphone. This typically involves creating a Tapo account, selecting to add a new device, and following the on-screen prompts for Bluetooth and Wi-Fi connection.

4.3 Managing Access Codes

The Tapo app allows you to create and manage various types of access codes:

- **Permanent Codes:** For regular users like family members.

- **One-Time Codes:** Ideal for guests or deliveries.
- **Scheduled Codes:** For service personnel with specific access times.

You can create up to 200 customizable codes. The app provides a secure way to manage access without distributing physical keys.

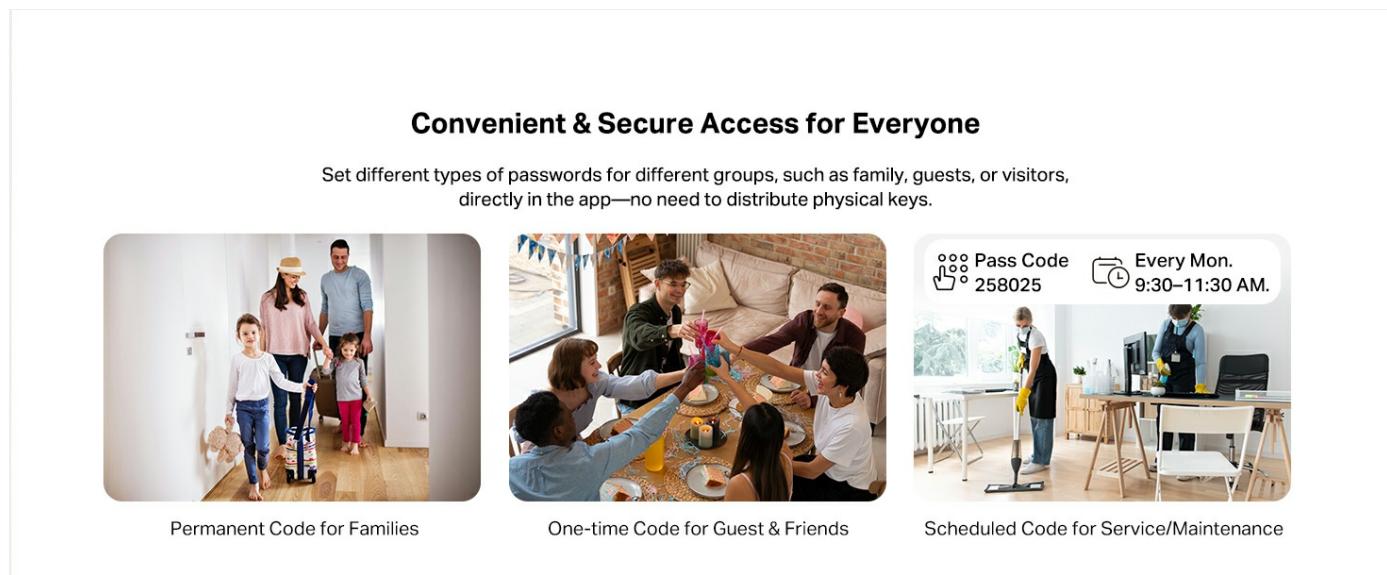


Image 4.1: Customized access options through the Tapo app.

5. OPERATING THE LOCK

5.1 Keypad Entry

Enter your assigned passcode on the tactile keypad to unlock the door. The keypad is backlit for nighttime use. For enhanced security, you can enter your passcode amidst random digits (PIN Scrambling) to prevent code detection by onlookers.



Up to 200 Codes



Illuminated Keypad

34 2658 45

PIN Scramble



Keyless Tactile Buttons

tapo

Image 5.1: Using the keyless tactile buttons for entry.

5.2 Remote Access via Tapo App

The Tapo app allows you to lock or unlock your door remotely from anywhere with an internet connection. You can also monitor the door status, receive real-time alerts, and view activity logs with timestamps to track who accessed your home and when.



Image 5.2: Managing and monitoring the lock via the Tapo App.

5.3 Auto-Lock Feature

Enable the auto-lock feature to automatically secure your door after a customizable interval once it has been unlocked. This ensures your home is always protected, even if you forget to manually lock it.

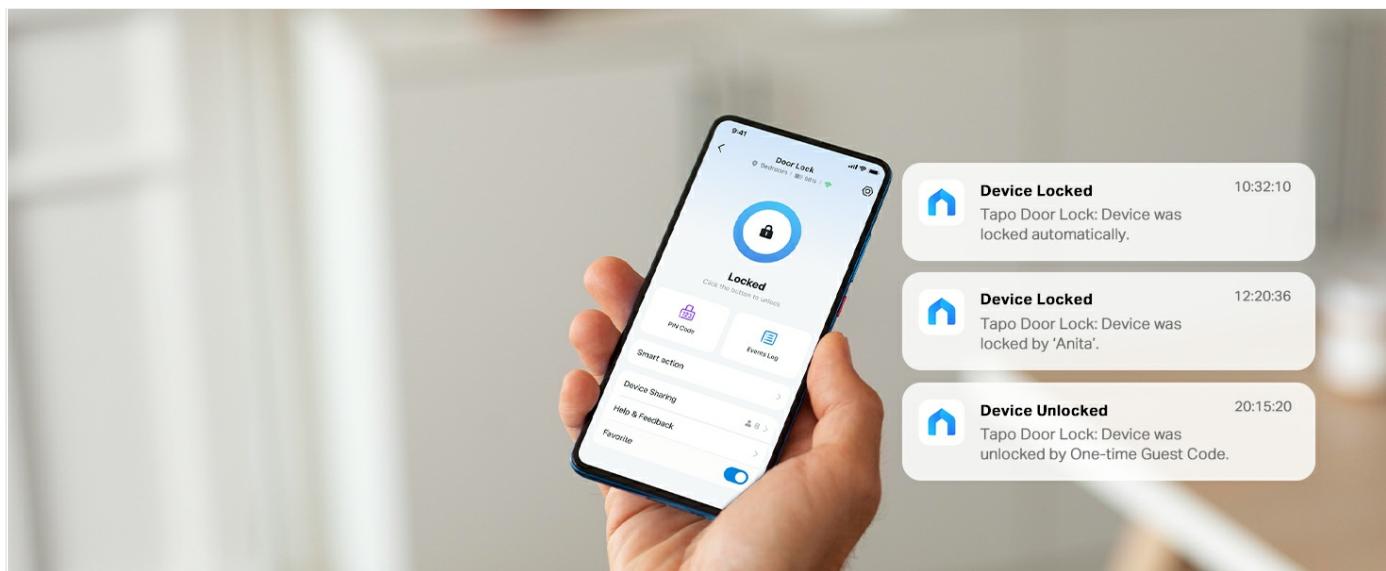


Image 5.3: Auto-lock functionality settings.

5.4 Voice Control

The Tapo DL100 integrates with Amazon Alexa, Google Home, and Samsung SmartThings. You can use voice commands to lock or unlock the door. For security, voice command unlocking requires a voice password as a second layer of authentication.

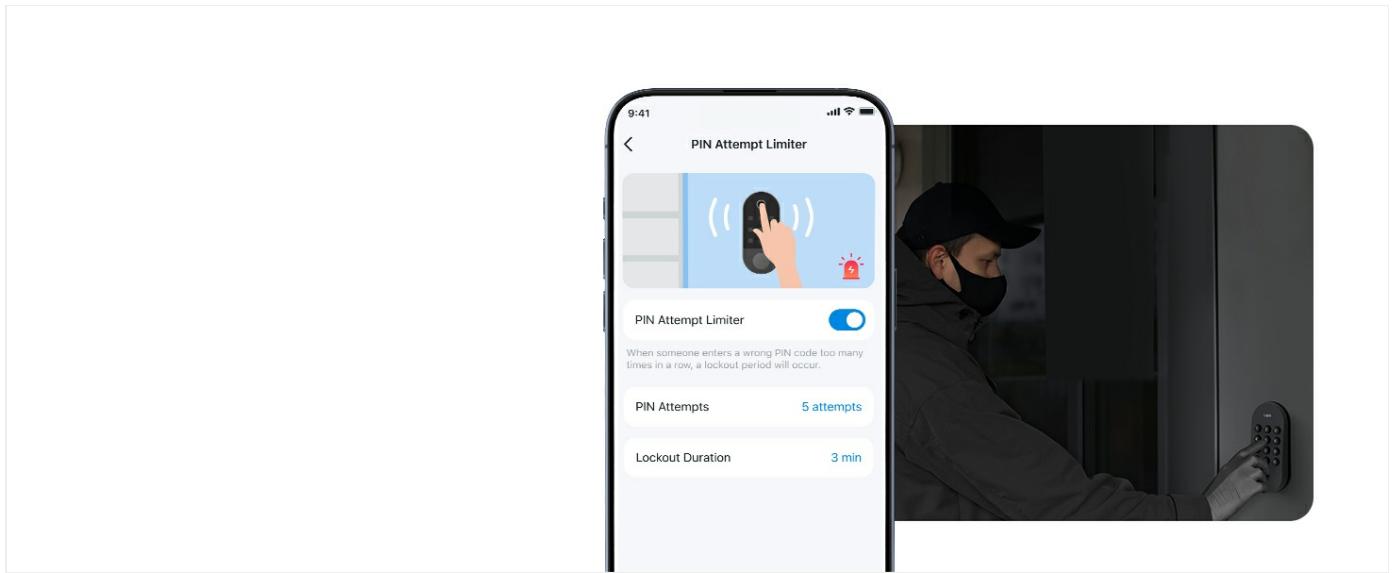


Image 5.4: Smart home integration for voice control.

5.5 Physical Keys

Two physical backup keys are included for manual unlocking in case of battery depletion or other electronic issues.

6. MAINTENANCE

6.1 Battery Replacement

The Tapo DL100 is powered by 4 AA batteries (included). Battery life can last up to 200 days in Wi-Fi mode or 300 days in Bluetooth mode, depending on usage and environmental factors. The Tapo app will notify you when battery levels are low. To replace batteries, remove the interior assembly cover and insert new AA batteries.

Lasts up to 7 Months



**Long-Lasting Battery Life
Powered by 4x AA Included Batteries**

tapo

Image 6.1: Battery compartment showing 4 AA batteries.

6.2 Emergency Power

In case of complete battery depletion, the lock features a USB-C port for emergency power. You can connect a power bank or a smartphone (ensure your phone supports power output) to temporarily power the lock and gain access.

6.3 Cleaning

Clean the lock's exterior with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or electronic components. The IP54 weatherproof rating protects against rain, dust, and dirt, but regular cleaning helps maintain its appearance and functionality.

7. TROUBLESHOOTING

7.1 PIN Attempt Limiter

To prevent unauthorized access, the lock system will temporarily lock after a set number of failed unlock attempts. This

feature can be configured within the Tapo app. If the lock is unresponsive after multiple incorrect PIN entries, wait for the lockout duration to expire before attempting again.

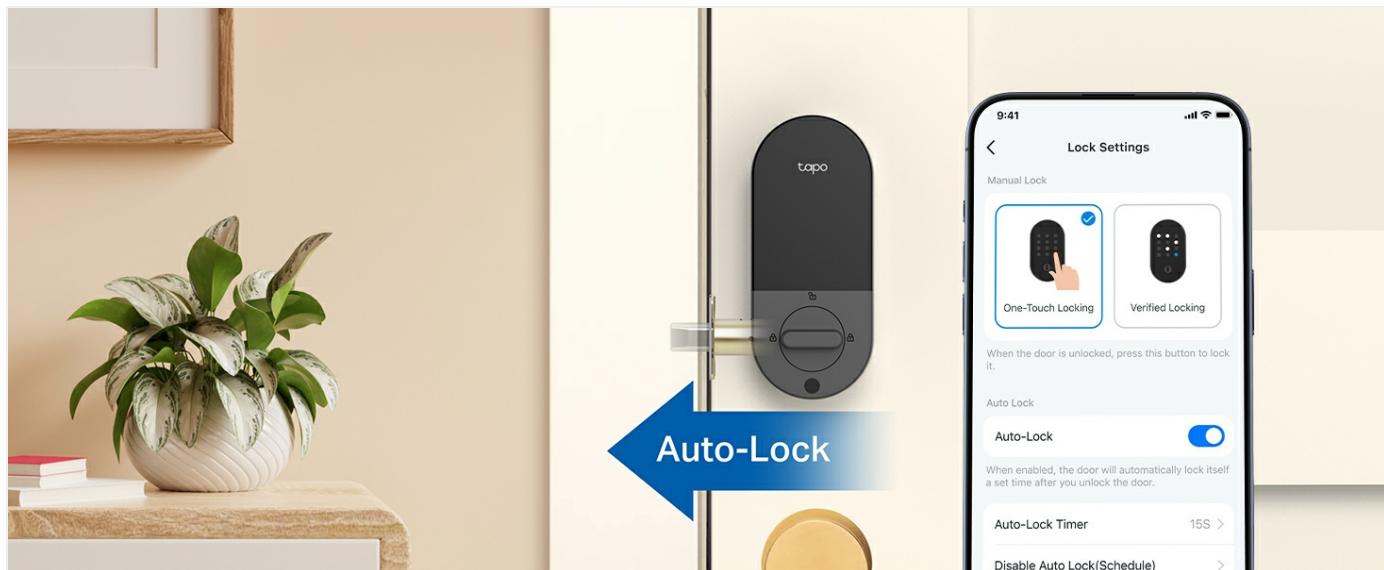


Image 7.1: PIN Attempt Limiter settings in the Tapo app.

7.2 Common Issues

- Lock not responding:** Check battery levels. Use emergency power if batteries are depleted. Ensure the lock is properly installed and aligned.
- App connectivity issues:** Verify your home Wi-Fi network is active and the lock is within range. Restart the Tapo app or your smartphone.
- Keypad unresponsive:** Ensure the keypad is clean and free from debris. Check for physical damage.
- Auto-lock not working:** Verify the auto-lock feature is enabled and configured correctly in the Tapo app.

8. SPECIFICATIONS

Brand	Tapo
Model Name	Tapo DL100
Lock Type	Deadbolt
Material	Metal
Color	Black
Item Dimensions (L x W x H)	5.88 x 2.65 x 2.2 inches
Item Weight	1.51 pounds
Power Source	4 AA Alkaline Batteries (included)
Connectivity Protocol	Bluetooth, Wi-Fi
Control Method	App, Remote, Voice
Controller Type	Amazon Alexa, Android, Google Assistant, SmartThings, iOS

Special Features	Anti-Peeping Password, Auto-Lock, IP54 Weatherproof, Passcode Unlock, Real-Time Alerts
Certifications	BHMA Grade 3, IP54 Weatherproof
UPC	840460601023

9. WARRANTY AND SUPPORT

9.1 Product Durability and Certifications

The Tapo DL100 is BHMA Grade 3 certified, ensuring reliability and durability for daily use. Its IP54 weatherproof rating provides protection against rain, dust, and dirt, making it suitable for various environmental conditions.



Certified & Reliable

Withstands Rain & Protects Against
Harmful Dirt.

tapo

Image 9.1: BHMA Grade 3 and IP54 Weatherproof certifications.

9.2 Customer Support

For technical assistance, warranty information, or any questions regarding your Tapo DL100 Smart Wi-Fi Deadbolt Door Lock, please contact Tapo customer support:

- **Phone:** (866) 225-8139
- **Website:** myproducts.tp-link.com/us
- **Email:** support.USA@tp-link.com

Tapo is committed to cybersecurity and privacy, adhering to the U.S. Cybersecurity and Infrastructure Security Agency's (CISA) Secure-by-Design pledge. Your data is securely protected, and products are expertly tested for safety.



Related Documents - DL100

	<p><u>Tapo DL110 Smart Wi-Fi Door Lock: Secure and Convenient Access</u></p> <p>Explore the Tapo DL110, a smart Wi-Fi door lock offering 6 ways to unlock, including fingerprint, Bluetooth, Wi-Fi remote access, PIN codes, physical keys, and voice commands. Features ANSI/BHMA Grade 2 certification, IP65 weatherproofing, and seamless integration with Alexa, Google Home, and SmartThings.</p>
	<p><u>TP-Link Tapo Outdoor Security Wi-Fi Camera Quick Start Guide</u></p> <p>A quick start guide for the TP-Link Tapo Outdoor Security Wi-Fi Camera, detailing package contents, appearance, system LED descriptions, and setup instructions.</p>
	<p><u>Tapo DL110 Smart Wi-Fi Door Lock Quick Start Guide</u></p> <p>A comprehensive quick start guide for the Tapo DL110 Smart Wi-Fi Door Lock, covering parts identification, installation preparation, step-by-step installation, setup procedures, troubleshooting, appearance details, specifications, safety information, and compliance statements.</p>
	<p><u>TP-Link Tapo Outdoor Wi-Fi Camera Quick Start Guide</u></p> <p>A quick start guide for setting up and mounting the TP-Link Tapo Outdoor Pan/Tilt Home Security Wi-Fi Camera. Includes instructions for app download, power connection, and mounting options like wall, overhang, and pole mounts. Details system LED indications and safety information.</p>
	<p><u>Tapo Camera User Manual: Setup, Features, and Operation</u></p> <p>Comprehensive user manual for TP-Link Tapo cameras (C200, C210, C100, C110), covering setup, hardware overview, app usage, motion detection, recording, and privacy mode.</p>
	<p><u>TP-Link Tapo C210 User Guide: Setup, Features, and Operation</u></p> <p>Comprehensive user guide for the TP-Link Tapo C210 Pan/Tilt Home Security Wi-Fi Camera, covering setup, features like motion detection and night view, controls, and regulatory information.</p>

Documents - Tapo – DL100



[pdf] User Manual Quick Start Guide Installation Guide Frequently Asked Questions Guide Warranty

7106512022 Tapo DL100 QIG DGPC0049 5 Users Manual rev TP Link Systems Inc Smart Wi Fi Door Lock 2BH7FDL100 dl100

Visit www.tapo.com/support for technical support, user guides, warranty, and more information Smart Wi-Fi Door Lock Quick Start Guide 7DSR / : 7106512022

REV1.0.0 2025 TP-Link Welcome to Tapo Installation Guide Video Scan QR code or visit <https://www.tp-link.com/support/faq/4335/> Cont...

lang:en score:25 filesize: 793.65 K page_count: 33 document date: 2025-03-19



[pdf] Label

A1 Tapo DL100 US 1 6 4 Label and location TP Link Systems Inc Smart Wi Fi Door Lock 2BH7FDL100 dl100

22 43 Smart Wi-Fi Door Lock Model: Tapo **DL100** Type-C Emergency Power Supply: 5V 1A Batteries: 4 1.5V SIZE AA/LR6 IP54 Rainproof Only for the exterior assembly This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1 This device may not cause ...

lang:en score:24 filesize: 1.2 M page_count: 1 document date: 2025-03-19



[Tapo DL100 Smart Wi-Fi Door Lock | Deadbolt Datasheet](#)

Explore the features, specifications, and access methods of the Tapo DL100 Smart Wi-Fi Door Lock. This deadbolt offers multiple access options including keypad, app control, voice commands, and physical keys, with smart home integration and advanced security features.

lang:en score:23 filesize: 1.04 M page_count: 9 document date: 2025-05-15

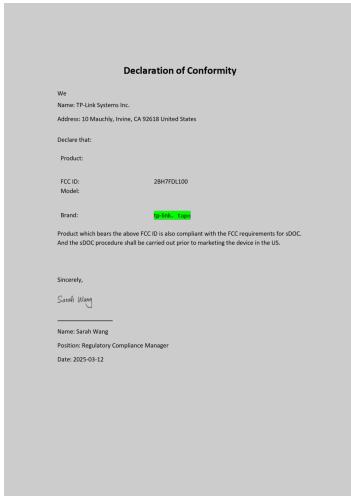


[pdf] Declaration of Conformity

Letterhead of Applicant walkinnet 15 Model Declaration Letter TP Link Systems Inc DL100 Smart Wi Fi Door Lock 2BH7FDL100 dl100

TP-Link Systems Inc. Model Declaration Letter We, the undersigning company Company Name: TP-Link Systems Inc. Address: 10 Mauchly, Irvine, CA 92618 United States Hereby confirm that the following products: Product description: Smart Wi-Fi Door Lock Type designation: Tapo **DL100**, DLW10 Trademark: tp-l...

lang:it score:22 filesize: 42.74 K page_count: 1 document date: 2025-03-17

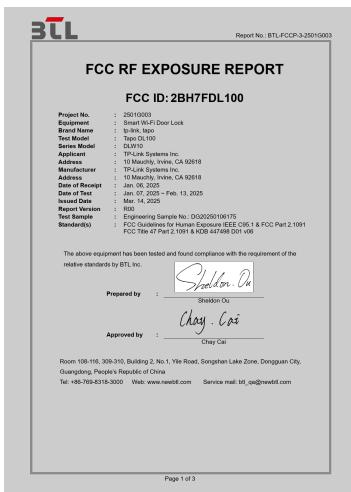


[pdf] Declaration of Conformity

16 Declaration of Conformity FCC TP Link Systems Inc DL100 Smart Wi Fi Door Lock 2BHTFDL100 dl100

Declaration of Conformity We Name: TP-Link Systems Inc. Address: 10 Mauchly, Irvine, CA 92618 United States Declare that: Product: Smart Wi-Fi Door Lock FCC ID: Model: 2BHTFDL100 Tapo DL100,DLW10 Brand: tp-linktapo Product which bears the above FCC ID is also compliant with the FCC requireme...

lang:it score:20 filesize: 133.51 K page_count: 1 document date: 2025-03-17



[pdf] Test Report SAR Rating

Measurement Report Kent Nei 13 MPE BTL FCCP 3 2501G003 R00 TP Link Systems Inc DL100 Smart Wi Fi Door Lock 2BHTFDL100 dl100

Report No.: BTL-FCCP-3-2501G003 FCC RF EXPOSURE REPORT Project No. Equipment Brand Name Test Model Series Model Applicant Address Manufacturer Address Date of Receipt Date of Test Issued Date Report Version Test Sample Standard(s) FCC ID: 2BHTFDL100 : 2501G003 : Smart Wi-Fi Door Lock : tp-link, t...
lang:en score:20 filesize: 130.63 K page_count: 3 document date: 2025-03-17



[Tapo Smart Door Locks: Advanced Security and Convenience](#)

Discover Tapo Smart Door Locks, featuring revolutionary PalmKey™ biometric recognition, fingerprint access, keypad entry, and remote control via the Tapo app for enhanced home security and convenience. Explore models like DL130, DL210, DL110, and DL100.

lang:en score:18 filesize: 27.95 M page_count: 4 document date: 2024-12-27

Report No.: BTL-FCCP-1-2501G003

FCC Radio Test Report
FCC ID: 2BH7FDL100

This report concerns: Original Grant

Project No.: 202501G003
Equipment Brand Name: Tapo, Tapo
Serial No.: DL100
Series Model: DL100
Applicant: TP-Link Systems Inc.
Address: 10 Mauchy, Irvine, CA 92618
Manufacturer: Tapo
Address: 10 Mauchy, Irvine, CA 92618
Date of Receipt: Jan. 06, 2025
Date of Test: Jan. 06, 2025 - Feb. 13, 2025
Issued Date: Mar. 14, 2025
Report Version: 1.0
Test Sample: Engineering Service No.: DSG20250106174 and DSG20250106175 for isolated and AC power test conditions. DSG20250106175 for others.
Standards: FCC CFR Part 15, Part 2, Part 3, Standard C

The above equipment has been tested and found compliant with the requirement of the relative standards by BTL Inc.

Prepared by: 
Shikun Ou
Shikun Ou
Approved by: 
Chay Cai
Chay Cai

Room 106-108, 3003# Building 2, No. 1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong, People's Republic of China
Tel: +86-759-8218-0200 Web: www.neit.com Service mail: btl_dg@neit.com

Page 1 of 60

[\[pdf\]](#) Declaration of Conformity Test Report

Measurement Report TT Nei 12 Test BTL FCCP 1 2501G003 BLE R00 TP Link Systems Inc DL100 Smart Wi Fi Door Lock 2BH7FDL100 dl100

Report No.: BTL-FCCP-1-2501G003 FCC Radio Test Report FCC ID: 2BH7FDL100

Project No. Equipment Brand Name Test Model Series Model Applicant Address

Manufacturer Address Date of Receipt Date of Test Issued Date Report Version Test

Sample Standard s This report concerns: Original Grant : 2501G003...

lang:en score:18 filesize: 3.73 M page_count: 60 document date: 2025-03-17



[\[pdf\]](#) Datasheet

Deadbolt Smart Wi Fi Door Lock TP Link17 mag 2025 — 6 Ways to Access Unlocking the door has never been easier with options like keypad password One time guest code Bluetooth access remote access31151vigi us document 31151 |||

Smart Wi-Fi Door Lock Deadbolt Tapo **DL100** Datasheet Password One-time Remote App Entry Guest Code Control Bluetooth Voice Control Physical Key Access with PIN* Backup Datasheet Highlights 6 Ways to Access Unlocking the door has never been easier with options like keypad password, One-ti...

lang:en score:13 filesize: 1.04 M page_count: 9 document date: 2025-05-15