**Secukey D3**

# Secukey D3 RFID Pin Access Control System User Manual

Model: D3 | Brand: Secukey

## 1. PRODUCT OVERVIEW

The Secukey D3 is a standalone RFID and PIN-code access control system designed for both indoor and outdoor use. It features a wireless keypad, a wireless lock unit, and two remote controls, offering a convenient and secure solution for access management. The system is battery-operated, eliminating the need for complex wiring, and boasts an IP66 rating for weather resistance.



Figure 1: The complete Secukey D3 system, including the wireless lock unit, the numeric keypad, and two remote control fobs.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Secukey D3 RFID/PIN Standalone Access Detector (Wireless Keypad)
- 1 x Wireless Lock Unit

- 2 x Remote Controls
- 5 x RFID Key Fobs
- 1 x User Manual (this document)

## 3. SETUP AND INSTALLATION

The Secukey D3 system is designed for easy, DIY wireless installation. No complex wiring is required, making setup straightforward.

### 3.1. Mounting the Wireless Lock Unit

The wireless lock unit is typically mounted on the inside of the door frame. Ensure the mounting surface is clean and stable.



Figure 2: Installation steps for the wireless lock unit. The process involves marking, drilling, and securing the unit to the door frame.

### 3.2. Positioning the Wireless Keypad

The wireless keypad can be placed at a convenient location near the door, typically on the outside. Its wireless nature allows for flexible placement without the need for power cables.

The whole set is wireless, very convenient to install

Communication distance: 50m Max

50M Max

Secukey

Figure 3: The wireless design of the Secukey D3 system simplifies installation, allowing components to be placed without extensive wiring.

## 3.3. Communication Range

The system maintains a reliable wireless connection between the keypad, lock, and remote controls. The maximum communication distance is approximately 50 meters, depending on environmental factors and obstacles.

IP66 Waterproof

Battery powered, no need wires any more!

Figure 4: The system supports a maximum communication distance of 50 meters between the keypad/remotes and the lock unit.

## 4. OPERATING INSTRUCTIONS

The Secukey D3 offers multiple methods for access control: RFID card, PIN code, and remote control.

### 4.1. Accessing with RFID Card/Key Fob

1. Present an authorized RFID card or key fob to the RFID reader area on the keypad.
2. The lock will disengage, allowing access.

### 4.2. Accessing with PIN Code

1. Enter your authorized PIN code on the keypad.
2. Press the '#' key to confirm.
3. The lock will disengage, allowing access.

### 4.3. Using Remote Controls

The included remote controls provide convenient access from a distance.

Figure 5: Operating the wireless lock unit using one of the provided remote controls.

1. Press the 'Open' button on the remote control to disengage the lock.
2. Press the 'Close' button to engage the lock.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Secukey D3 system.

### 5.1. Battery Replacement

The Secukey D3 system is battery-powered. When the battery level is low, the system will provide an indication (e.g., a warning light or sound). Replace batteries promptly to ensure continuous operation.
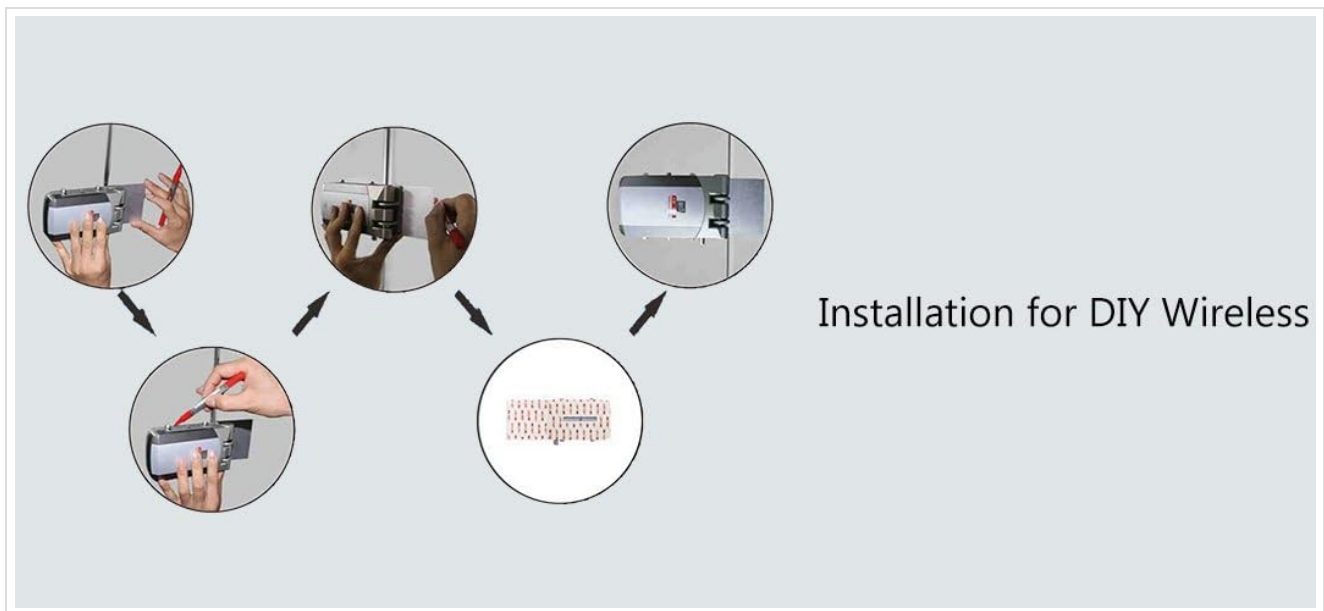
Figure 6: The battery compartment of the wireless lock unit. Ensure correct battery polarity when replacing.

## 5.2. Weather Resistance (IP66)

The Secukey D3 is rated IP66, meaning it is protected against dust ingress and powerful water jets. This makes it suitable for outdoor use. However, avoid submerging the device in water.
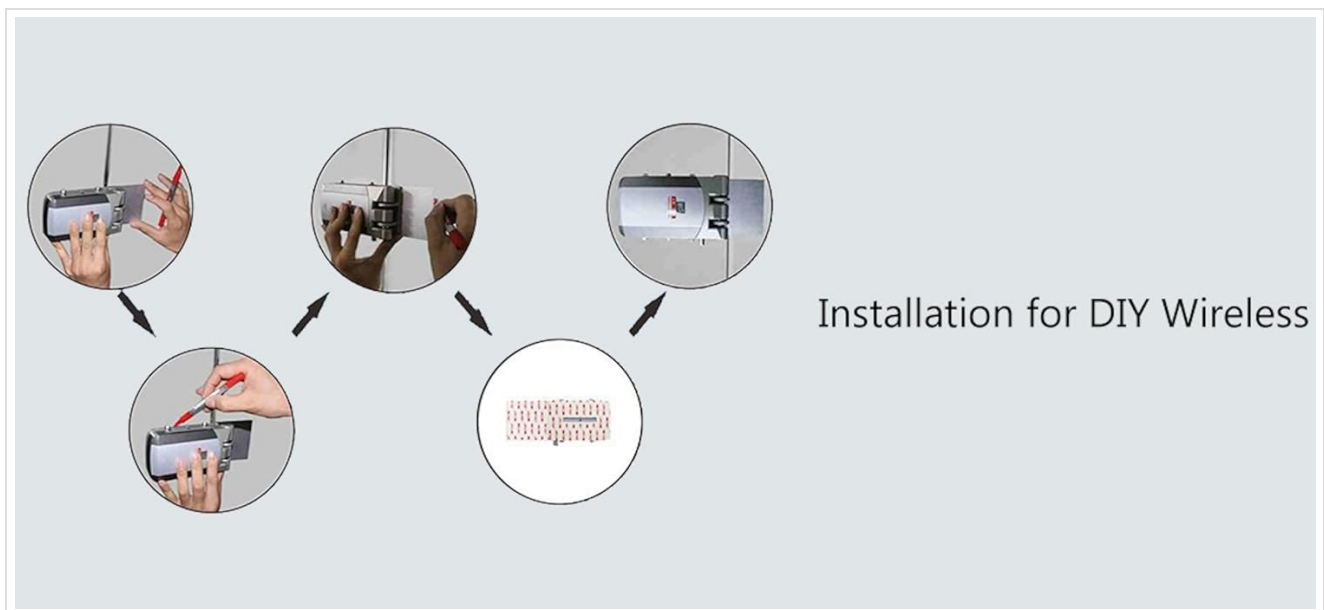


Figure 7: The IP66 rating ensures the device is protected against dust and water splashes, making it suitable for outdoor environments.

## 5.3. Cleaning

Clean the device surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## 6. TROUBLESHOOTING

If you encounter issues with your Secukey D3 system, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
|---|---|---|
| Lock does not respond to keypad/remote. | Low batteries in lock or keypad; out of communication range; interference. | Replace batteries in both units. Ensure units are within 50m range. Check for strong interference sources. |
| RFID card/PIN not recognized. | Card/PIN not programmed; incorrect entry. | Ensure the card/PIN is correctly programmed into the system. Re-enter PIN carefully. |
| Remote control not working. | Remote battery low; remote not paired. | Replace remote control battery. Re-pair the remote control with the system according to programming instructions. |

## 7. TECHNICAL SPECIFICATIONS

| Feature | Specification |
|---|---|
| Model Number | D3 |
| Manufacturer | Secukey |
| Dimensions (Lock Unit) | 5.6 x 2.25 x 14.8 cm |
| Weight | 1.1 Kilograms (total package) |
| Color | Silver / Black |
| Power Source | Battery (Batteries not included) |
| Access Methods | RFID, PIN Code, Remote Control |
| Protection Rating | IP66 (Dust tight, protected against powerful water jets) |
| Communication Distance | Max 50 meters (line of sight) |
| First Available Date | April 22, 2018 |

## 8. WARRANTY AND SUPPORT

Secukey products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to Secukey customer service through their official website or contact channels.