

AVATTO SDL-V1-B60

AVATTO Smart Door Lock SDL-V1-B60 User Manual

Model: SDL-V1-B60

1. PRODUCT OVERVIEW

The AVATTO Smart Door Lock SDL-V1-B60 offers advanced security and convenience for your home. This smart lock features multiple unlocking methods including fingerprint, password, RFID card, Smart Life app, and traditional mechanical keys. It is designed for doors with a thickness of 60mm to 90mm and features an adjustable cylinder length to accommodate various door types.

2. BEFORE YOU BEGIN

2.1 Pre-Installation Checks

Before installing the smart door lock, it is crucial to perform the following checks to ensure compatibility and proper fit:

- Confirm Cylinder Type:** Ensure your existing door lock cylinder is compatible with the smart lock's design.
- Confirm Cylinder Hole Size:** Verify that the cylinder hole dimensions on your door match the requirements of the AVATTO smart lock. The required hole diameter is approximately 20mm, with a keyhole width of 9.8mm and height of 35mm.
- Measure Door Thickness:** This smart lock is suitable for doors with a thickness between 60mm and 90mm.



Image: Pre-installation checks illustrating compatible door types and required cylinder dimensions.



Image: Visual guide for compatible and incompatible door handles and lock mechanisms.

2.2 Battery Requirements

This product does not include batteries. You will need to purchase three (3) 1.5V alkaline batteries separately for operation.

3. PACKAGE CONTENTS

Please check the package to ensure all components are present:

- 1 x Smart Door Lock Cylinder
- 2 x Mechanical Keys
- 3 x RFID Cards
- 1 x Reset Card
- 2 x 5mm Lock Cylinder Adapters
- 2 x 10mm Lock Cylinder Adapters



Image: All components of the AVATTO Smart Door Lock package, including the lock, keys, RFID cards, reset card, and cylinder adapters.

4. INSTALLATION

4.1 Adjustable Cylinder Length

The AVATTO Smart Door Lock features an adjustable cylinder length, making it suitable for both symmetric and asymmetric doors with thicknesses ranging from 60mm to 90mm. The inner and outer cylinder lengths can be freely adjusted from 30mm to 45mm each.

SchließZylinder Länge ist einstellbar

(Für Türen mit einer Dicke von 60 bis 90mm geeignet)

Außen	Innen	Es ist für Türen geeignet
30	30	60mm(30/30)
30	35	65mm(30/35)
30	40	70mm(30/40)
30	45	75mm(30/45)

Außen	Innen	Es ist für Türen geeignet
35	30	65mm(35/30)
35	35	70mm(35/35)
35	40	75mm(35/40)
35	45	80mm(35/45)

Außen	Innen	Es ist für Türen geeignet
40	30	70mm(40/30)
40	35	75mm(40/35)
40	40	80mm(40/40)
40	45	85mm(40/45)

Außen	Innen	Es ist für Türen geeignet
45	30	75mm(45/30)
45	35	80mm(45/35)
45	40	85mm(45/40)
45	45	90mm(45/45)

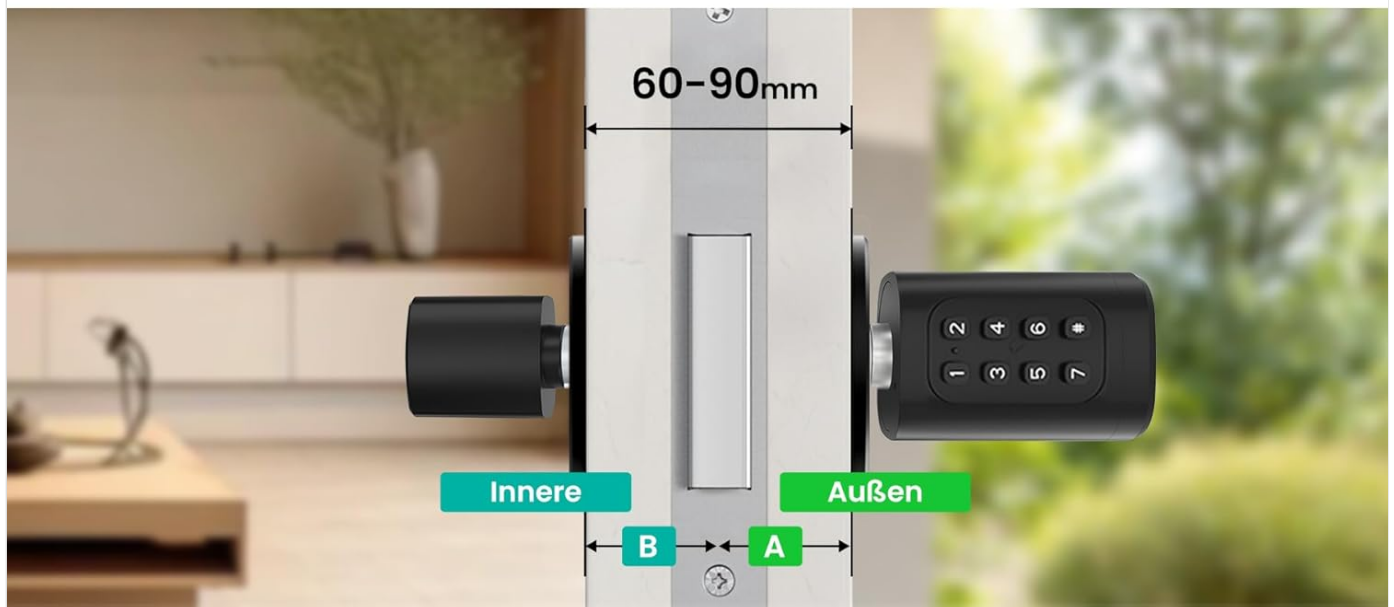


Image: Table illustrating suitable inner and outer cylinder lengths for different door thicknesses (60mm to 90mm).

4.2 Adapters for Cylinder Adjustment

The lock comes with 5mm x 2 and 10mm x 2 cylinder adapters. These adapters allow you to convert a 60mm symmetric lock into an asymmetric lock of various sizes, meeting your specific door requirements.

4.3 Installation for Asymmetric Doors

For asymmetric doors, the distance from the center screw hole to the inside and outside of the door will differ. For example, for an 80mm thick door, the distance to the inside might be 45mm and to the outside 35mm. Use the provided adapters to achieve the correct lengths.

Geeignet für asymmetrische Türe

Beispiel: Die Dicke die Tür beträgt 80mm, und der Abstand vom Mitte Schraubenloch zur Innen die Tür beträgt 45 mm, und der Abstand zur Außen die Tür beträgt 35 mm, daher wird sie als asymmetrische Tür bezeichnet.

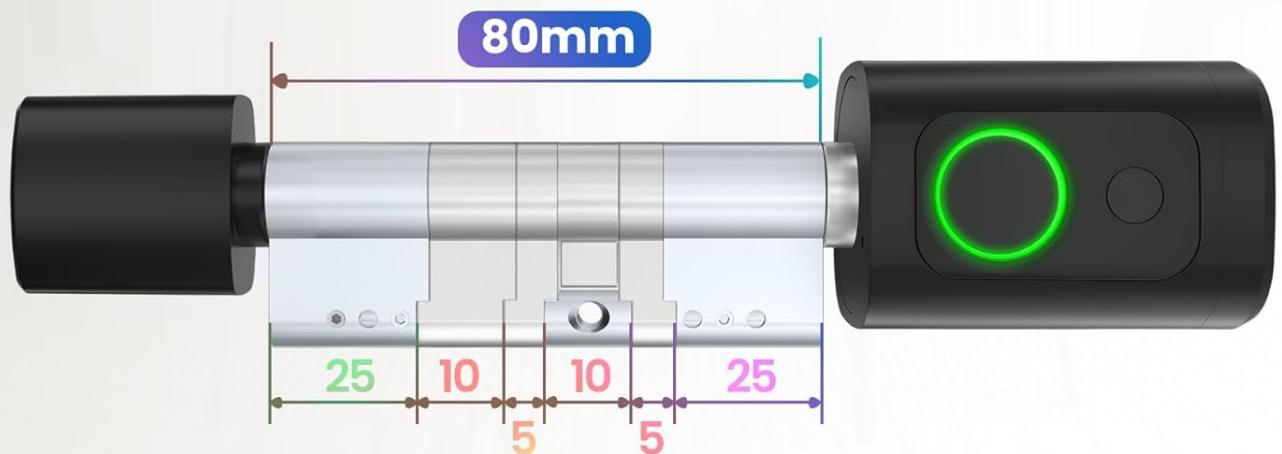
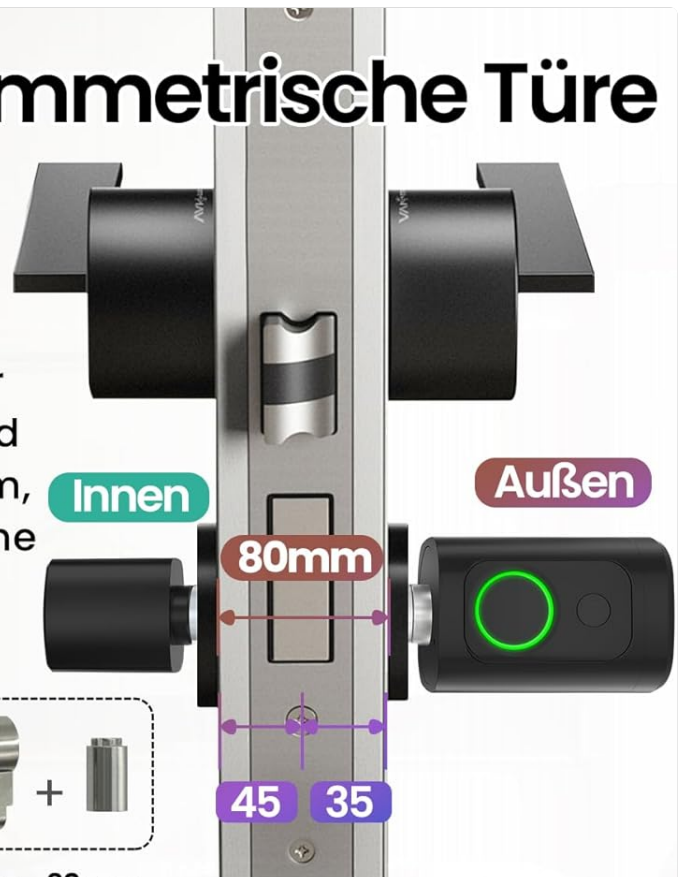
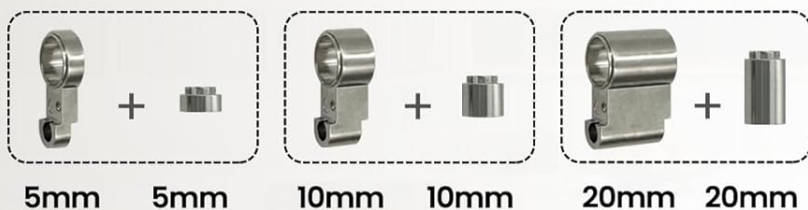


Image: Example installation for an 80mm asymmetric door, showing the use of cylinder adapters to achieve different inner and outer lengths.

4.4 Installation for Symmetric Doors

For symmetric doors, the distance from the center screw hole to both the inside and outside of the door is equal. For example, for a 60mm thick door, both the inner and outer distances would be 30mm.

Geeignet für symmetrische Türe

Der Drehknopf des Schlosses befindet sich innen.

Die Fingerabdrücke des Schlosses befinden sich auf der Außen.

Beispiel: Die Dicke der Tür beträgt 60mm und der Abstand vom Mitte Schraubenloch zur Innen und Außen der Tür beträgt 30 mm, Es handelt sich also um eine symmetrische Tür.

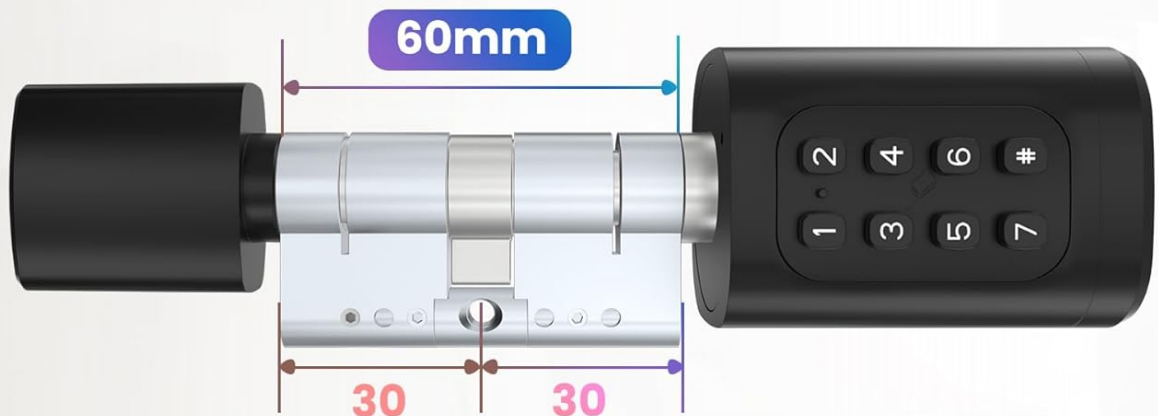


Image: Example installation for a 60mm symmetric door, showing equal inner and outer cylinder lengths.

5. OPERATION

5.1 Unlocking Methods

The AVATTO Smart Door Lock provides five convenient ways to unlock your door:

1. **Fingerprint Unlock:** Use your registered fingerprint for quick and secure access.
2. **Password Unlock:** Enter your personalized password on the keypad.
3. **RFID Card:** Tap the provided RFID card to the lock for entry.
4. **Smart Life App:** Unlock the door remotely or up close using the Smart Life application on your smartphone.
5. **Mechanical Key:** Use the traditional mechanical keys as a backup or alternative unlocking method.



Image: Overview of the five unlocking methods available with the AVATTO Smart Door Lock.

5.2 Internal Components and Power

The internal mechanism includes a rotary knob for manual locking/unlocking from the inside. The lock is powered by three 1.5V alkaline batteries, which are inserted into the battery compartment. The external unit features the fingerprint sensor, keypad, and RFID reader. A Type-C port is available for emergency power supply.

AVATTO Türschloss

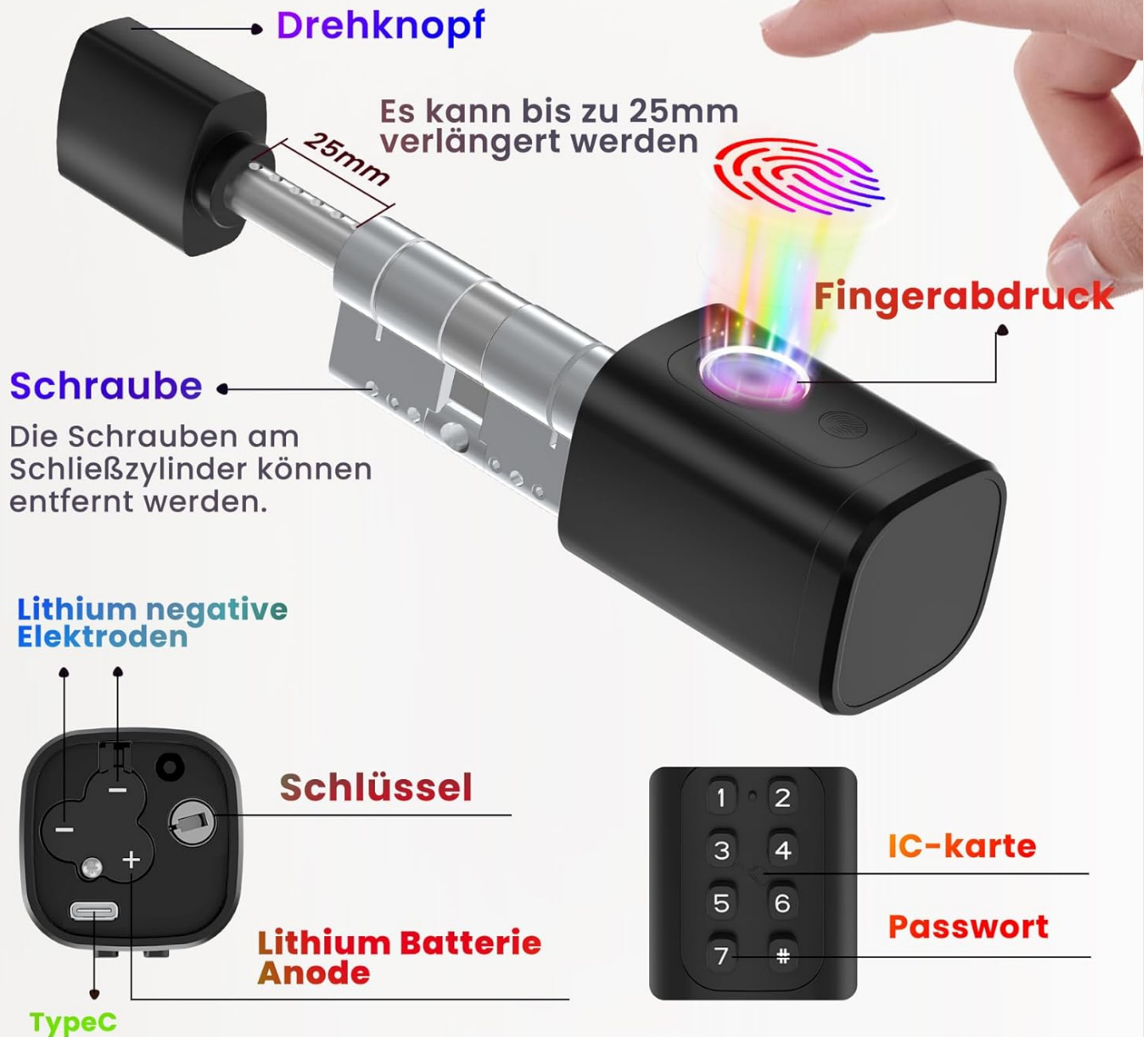


Image: Detailed view of the AVATTO Smart Door Lock's internal components, including battery placement, key slot, IC card reader, and keypad.

6. SMART LIFE APP INTEGRATION

The AVATTO Smart Door Lock integrates with the Smart Life application, offering enhanced control and monitoring features:

- **Remote Unlocking:** Unlock your door via the app when within Bluetooth range (effective transmission distance of 50 meters).
- **User Management:** Add and manage multiple users, assign administrative rights, and revoke access as needed.
- **Activity Log:** View a detailed log of all lock and unlock events.
- **Notifications:** Receive SMS notifications for various lock activities, enhancing security awareness.

Note: For remote control of the lock from outside your home, office, or while traveling, an AVATTO Bluetooth Gateway (sold separately) is required.

7. MAINTENANCE

7.1 Battery Management

The battery status can be checked through the Smart Life application interface. When the batteries are low, the lock will provide a low battery warning. In case of completely depleted batteries, you can still open the door using an external power bank connected via the Type-C port or by using the mechanical emergency keys.

7.2 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.

8. TROUBLESHOOTING

If you encounter any issues with your AVATTO Smart Door Lock, please refer to the following general troubleshooting tips:

- **Lock not responding:** Check battery levels and replace if necessary. Ensure the lock is properly installed and aligned.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if issues persist.
- **App connectivity issues:** Ensure Bluetooth is enabled on your phone and you are within range. Restart the app or your phone. If using a gateway, ensure it is powered on and connected to the internet.
- **Mechanical key not working:** Ensure the key is fully inserted and turned correctly.

For more detailed troubleshooting or specific error messages, please contact AVATTO customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	SDL-V1-B60
Manufacturer	AVATTO
Color	Black
Material	Metal
Door Thickness Compatibility	60mm - 90mm
Cylinder Length Adjustment	Inner: 30-45mm, Outer: 30-45mm
Unlocking Methods	Fingerprint, Password, RFID Card, Smart Life App, Mechanical Key
Controller Type	Smart Life App
Bluetooth Range	Up to 50 meters (effective)
Power Source	3 x 1.5V Alkaline Batteries (not included)
Emergency Power	Type-C Port
Usage Environment	Indoor
Package Dimensions	25 x 10 x 7 cm
Item Weight	850 grams

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This AVATTO product comes with a 2-year warranty from the date of purchase.

10.2 Customer Support

For any questions, technical assistance, or to obtain additional resources such as the German version of the manual, installation videos, network connection videos, or product presentation videos, please contact AVATTO customer support directly.