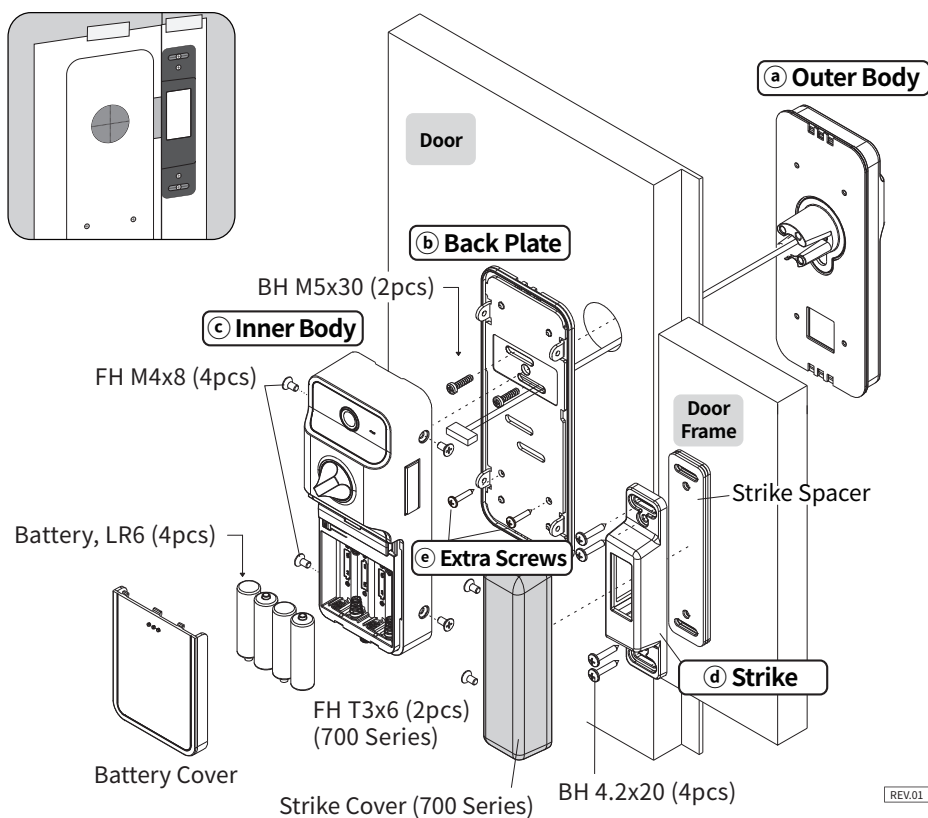


# Vertical Rim Lock

(500 Series, 700 Series)

Diagram



REV.01

## Smart Lock Installation Guide

### 1. Check Door Thickness

- Ensure the door thickness is between **30 mm and 50 mm**.
- If the door is outside this range, the lock may not operate correctly or may not be installable.

### 2. Select Installation Position & Attach Template

- With the door fully closed, attach the supplied Installation Paper to the **indoor side** of the door.
  - Make sure the template is perfectly level.
- (If it's not level, the deadbolt may not align with the ④ **Strike** or the door may not lock properly.)

### 3. Drill the Main Hole

- Drill a **32 mm diameter hole** at the marked point(s) on the Installation Paper.
- ✓ This is the main hole for the Connect Cable; accuracy is essential.

### 4. Temporarily Assemble Outer Body & Back Plate

- Use **two BH M5x30 mm screws** to lightly secure the ① **Outer Body** to the ② **Back Plate**
- (Do not overtighten at this stage; this is only a temporary fix.)

### 5. Temporarily Attach Inner Body & Check Operation

- Temporarily assemble the ③ **Inner Body** to the ② **Back Plate**, then check:
  - (1) When the door is closed and the ④ **Strike** is in position, the auto-lock sensor operates normally.
  - (2) With the deadbolt locked, at least **10 mm** of the deadbolt is inserted into the ④ **Strike**.
  - (3) The deadbolt moves smoothly when locking / unlocking.
- Adjust the ② **Back Plate** position as needed based on the above checks.

### 6. Secure the Outer Body

- Align the ① **Outer Body** and ② **Back Plate** horizontally, then fully secure them.
- Optional extra reinforcement: use ⑤ **Extra Screws** (**BH 4.2x20 mm screws**, 2pcs) for stronger fixing.

### 7. Secure the Inner Body

- Attach the ③ **Inner Body** to the ② **Back Plate** using **four FH M4x8 mm screws**.

### 8. Install the Strike

- Fix the ④ **Strike** to the door frame with **four BH 4.2x20 mm screws**.
- If height adjustment is needed, add Strike Spacers.
- (Depending on spacer height, **BH 4.2x32 mm screws** may be used.)

### 9. Final Test

- After installation, operate the lock / unlock function several times from the **indoor side** to confirm normal operation.
- If the lock does not engage or the deadbolt catches, finely adjust the ④ **Strike** or ② **Back Plate** position.

### ※ Extra Tips

- Before installation, ensure Connect Cable for both the ① **Outer Body** and ③ **Inner Body** is not bent or pinched.
- When using a power drill, avoid excessive speed to prevent door damage.
- After installation, before inserting the batteries and powering on, double-check that all screws are securely tightened.