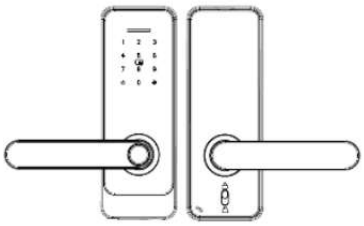
TECHNICAL SPECIFICATIONS

Smart Lever Lock

HSC-C89

Engineering data for the HSC-C89 Z-Wave smart lock.

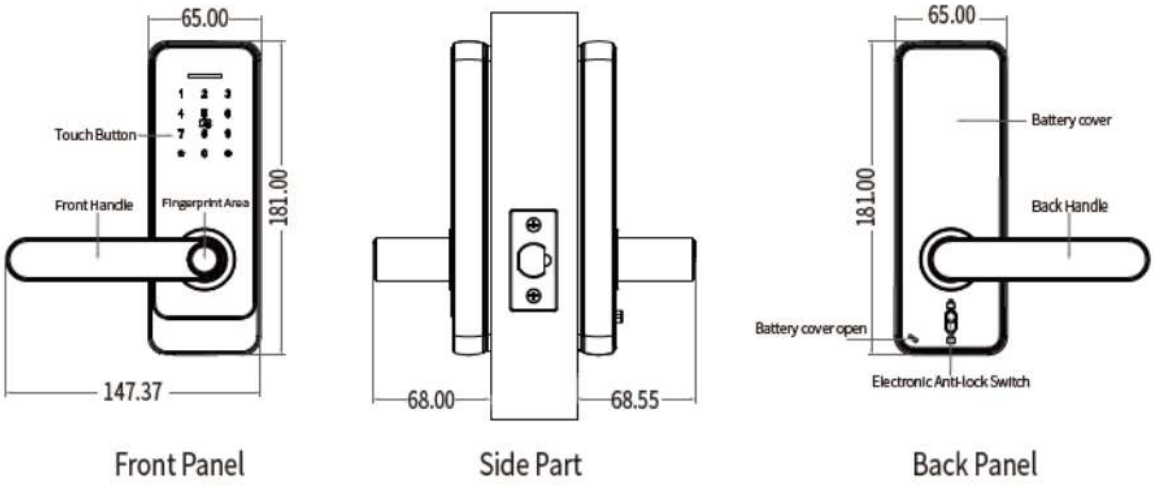
Rev. 1.0 | October 2026



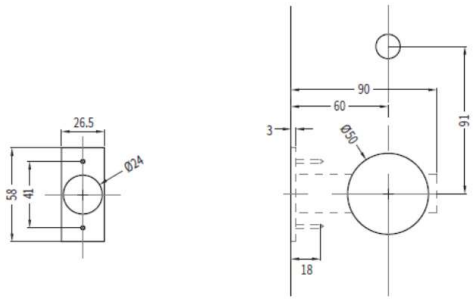
Specifications

Lock type	Lever handle with mortise lock body
Unlock methods	Z-Wave controller or app, PIN code, fingerprint, RFID card, mechanical key
Keypad	Touch keypad with voice prompts (English, Spanish, Chinese)
Fingerprint capacity	up to 300. 500 dpi sensor. FRR 0.15 % or less, FAR 0.00004 % or less
PIN code capacity	Up to 300
RFID card capacity	Up to 300
Power supply	4 x AAA alkaline batteries (4.5 to 6.5 V). Low-battery alarm below 4.9 V
Emergency power	micro USB port (5 V power bank)
Current	Static below 55 µA. Operating below 250 mA
Wireless protocol	Z-Wave, US frequency **908.42 MHz**
Operating environment	14 to 140 °F (-10 to 60 °C), 20 to 93 % RH
Door thickness	1-3/4 to 4-3/4 in (45 to 120 mm). Thicker doors need custom parts
Door edge	110 mm (4-5/16 in) or more from the lock center to the door edge
Front panel	65 x 181 mm (2.6 x 7.1 in)

Dimensions

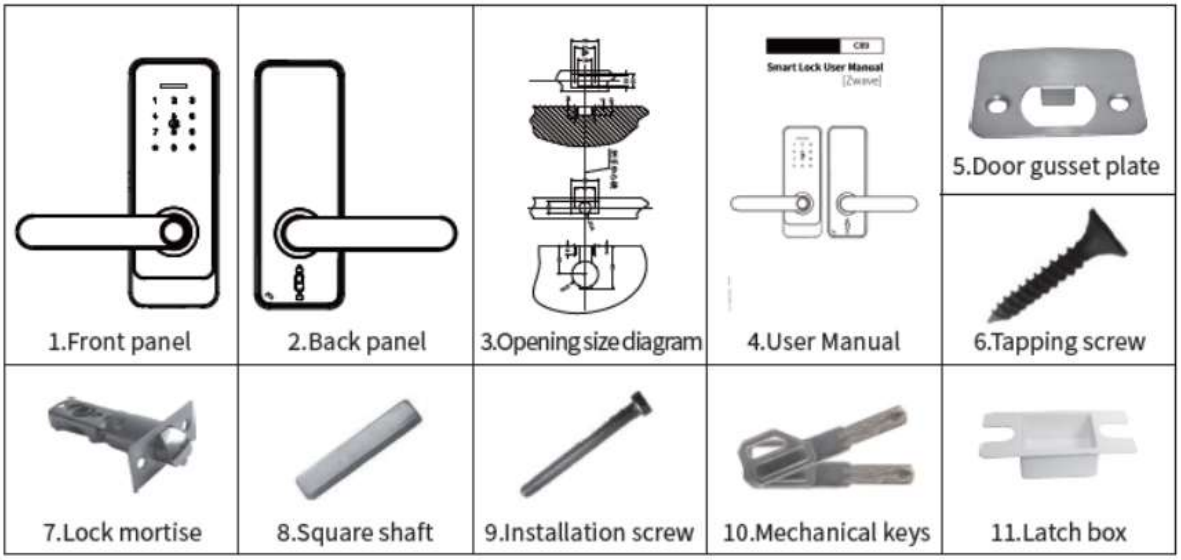


Door preparation (reference only)



Use the paper template in the box to mark the holes. Dimensions are in millimeters.

Package contents



Compliance

Radio	FCC Part 15. FCC ID: **[TBC: confirm FCC ID on product label]**
Z-Wave certification	**[TBC: confirm Z-Wave certification status and certificate number]**
Hardware standard	**[TBC: confirm ANSI/BHMA grade, if any]**

Specifications can change without notice. For installation, configuration, and safety information, read the user manual.