TECHNICAL SPECIFICATIONS

Smart Deadbolt Lock

HSC-C87a

Engineering data for the HSC-C87a Z-Wave smart lock.

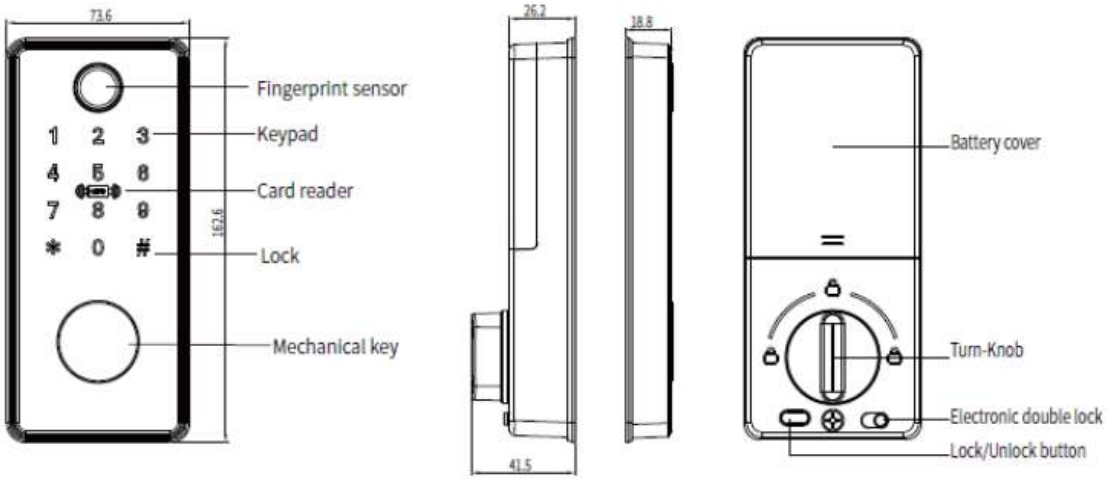
Rev. 1.0 | October 2026



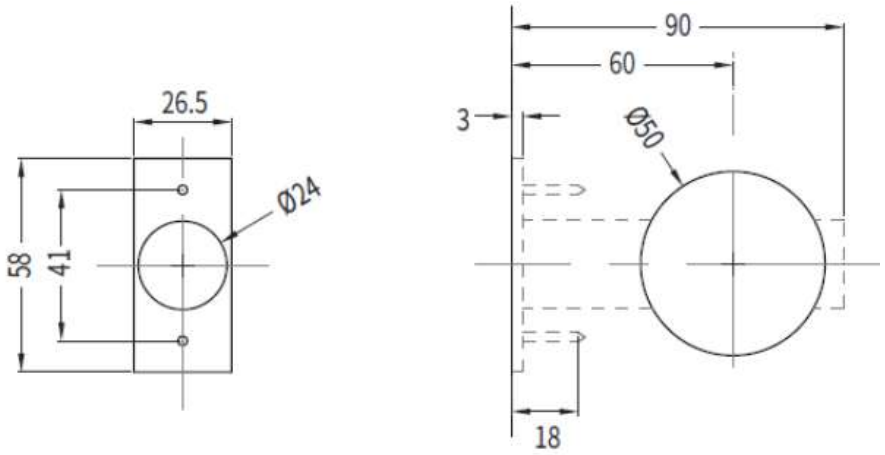
Specifications

Lock type	Electronic deadbolt with turn-knob on the inside
Unlock methods	Z-Wave controller or app, PIN code, fingerprint, RFID card, mechanical key
Keypad	Capacitive touch keypad with voice prompts
Fingerprint capacity	Up to 100 (semiconductor sensor). FAR below 0.001 %, FRR below 1.0 %
PIN code and card capacity	256 total, plus 1 administrator code
Power supply	4 x AA batteries (4.5 to 6 V). Low-battery alarm at 4.8 V
Emergency power	USB Type-C port (5 V power bank)
Current	Standby 65 µA or less. Operating below 200 mA
Unlock time	Approximately 1.5 s
Wireless protocol	Z-Wave, 908.42 MHz (US)
Operating temperature	-4 to 158 °F (-20 to 70 °C)
Door thickness	1-3/4 to 4-3/4 in (45 to 120 mm). Thicker doors need custom parts
Backset	2-3/8 or 2-3/4 in (60 or 70 mm), adjustable
Door edge	110 mm (4-5/16 in) or more from the lock center to the door edge
Front panel	73.6 x 162.6 mm (2.9 x 6.4 in)

Dimensions

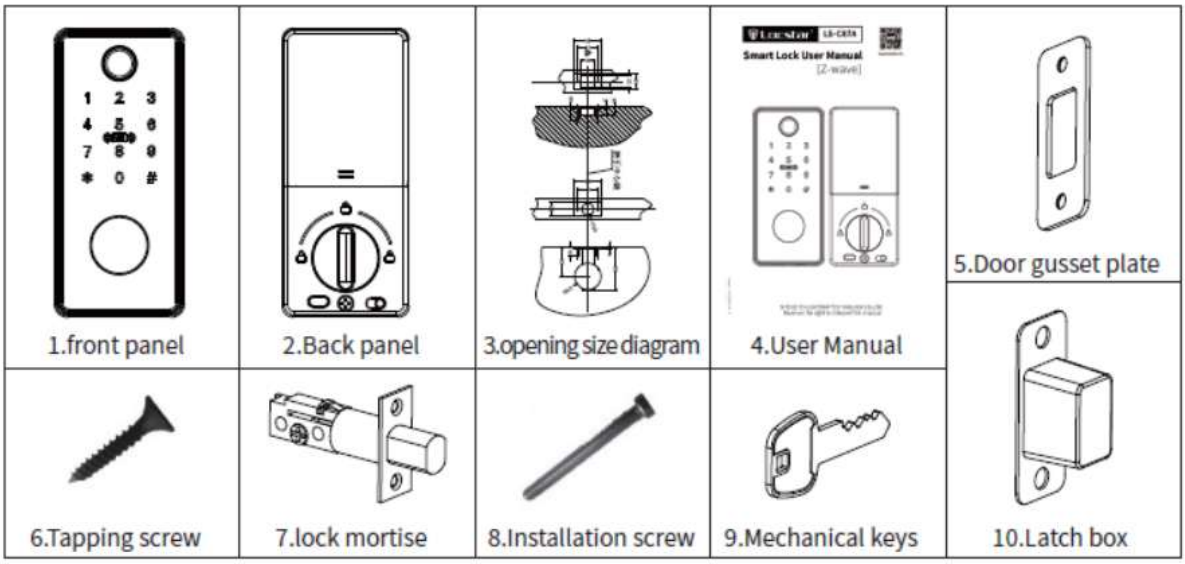


Door preparation (reference only)



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.