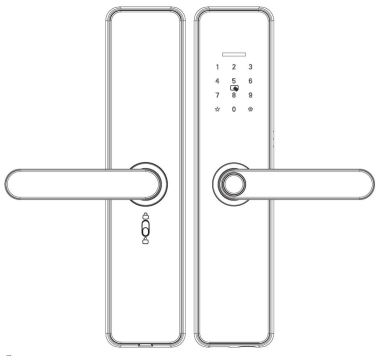
TECHNICAL SPECIFICATIONS

Smart Lever Mortise Lock

HSC-C91

Engineering data for the HSC-C91 Z-Wave smart lock.

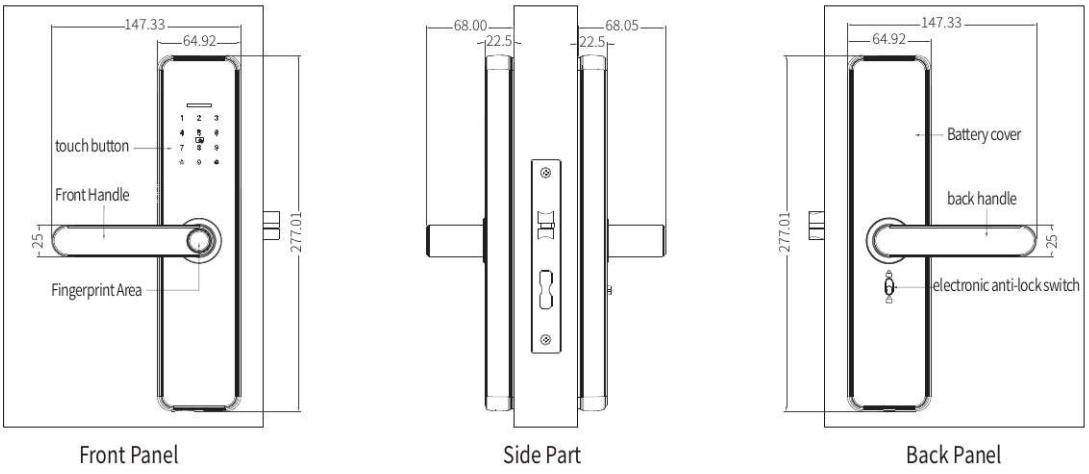
Rev. 1.0 | October 2026



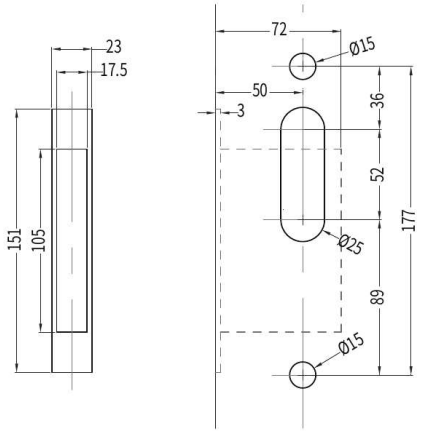
Specifications

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 100. 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 277 mm (2.6 x 10.9 in)

Dimensions

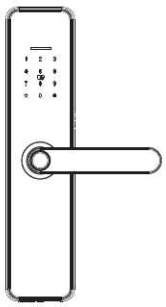
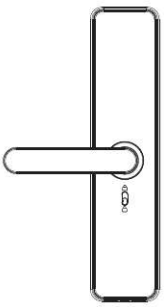
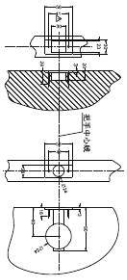
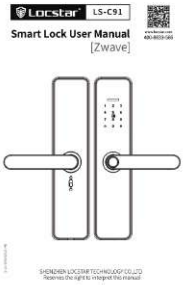


Door preparation (reference only)



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

Package contents

 1.front panel	 2.Back panel	 3.opening size diagram	 4.User Manual	 5.Door gusset plate
				 6.Latch box
 7.lock mortise	 8.Square shaft	 9.Installation screw	 10.Mechanical keys	 11.Tapping screw

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.