DATASHEET

Smart Deadbolt Lock

HSC-C87a

Z-Wave smart deadbolt with fingerprint, PIN code, RFID card, mechanical key, and remote control from the Z-Wave controller.

Rev. 1.0 | October 2026



Key features

- Five unlock methods: Z-Wave controller, PIN code, fingerprint, RFID card, and mechanical key.
- Electronic double lock: only the administrator or the mechanical key can open the door.
- Automatic locking and automatic detection of the door direction.
- Two-factor authentication and silent mode.
- Unlock records and user statistics on the lock.
- USB Type-C emergency power if the batteries are empty.

Applications

- **Hotels:** keyless guest access with codes or cards managed from the controller.
- **Short-term rentals:** create and delete guest codes remotely between stays.
- **Schools and light commercial:** controlled access to offices, storage, and classrooms.

Key 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)

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]**

Ordering information

SKU	Description
HSC-C87a	Horus smart deadbolt lock, Z-Wave

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