Technical Data Sheet
HavenLock Gen4

Applies to: HavenLock Generation 4 (Models)
HL1-CNT-001-LDPOE and HL1-CNT-001-LDM
Version: 2.0
Date: March 2026t

Product Overview

The Haven Gen4 is a modern, Mercury-based electronic access control solution designed to unify everyday facility management with high-integrity emergency response for schools, commercial buildings, and houses of worship.

Operating as a primary digital touchpoint for secure entry, the system integrates seamlessly with the Alarm.com for Business platform, allowing administrators to manage permissions, monitor real-time entry data, and oversee multi-site operations through a single cloud-connected interface. While providing the streamlined functionality of a professional-grade access system, the Gen4 is uniquely engineered to transition instantly into a lockdown state during active threat situations, leveraging its 3,000 lbs of holding force and DHS SAFETY Act Designated technology to secure the perimeter without compromising code-compliant free egress.

Key Features and Benefits

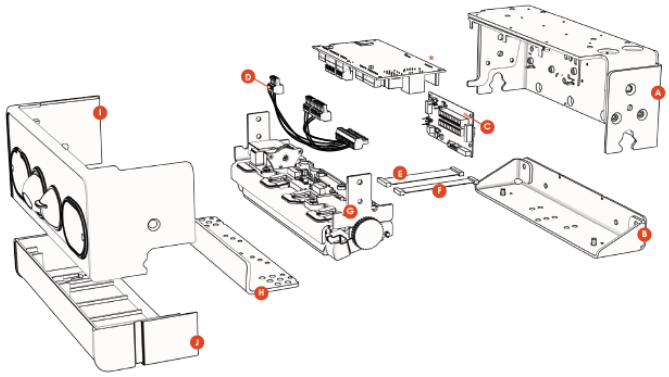
- Rapid installation compared with traditional maglock systems
- 3,000 pounds of holding force for high forced-entry resistance
- Integrated REX motion sensor
- Cloud-connected monitoring and control through integrated platform
- Event logging and remote activation capabilities
- Rapid Lockdown capabilities
- Supports dealer-installed access control and monitoring services

System Components

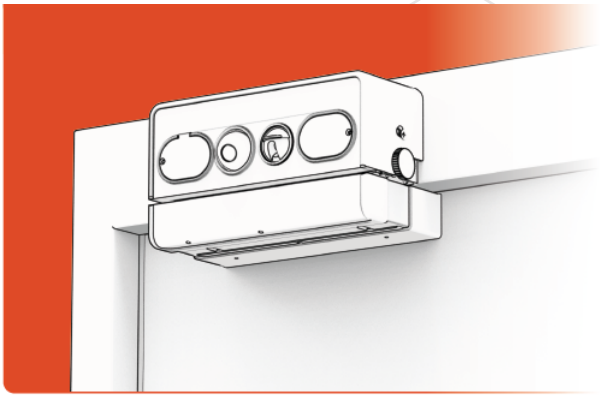
- 3,000 pound holding force patented wedge locking system
- POE+ Power Supply + on-board Battery Backup
- Integrated door positioning sensor
- Integrated REX sensor
- Low battery notification capability
- Emergency Egress / Override: Mechanical override utilizing a "Drop Latch" assembly and a proprietary
  Encrypted Security Bolt that requires a specialized security bit/mini-ratchet tool
- Power Failure Modes: Field-configurable for Fail-Safe (power is required to lock; loss of power automatically
  releases the door for free egress) or Fail-Secure (door remains locked if power is lost).

Access Control Integrations

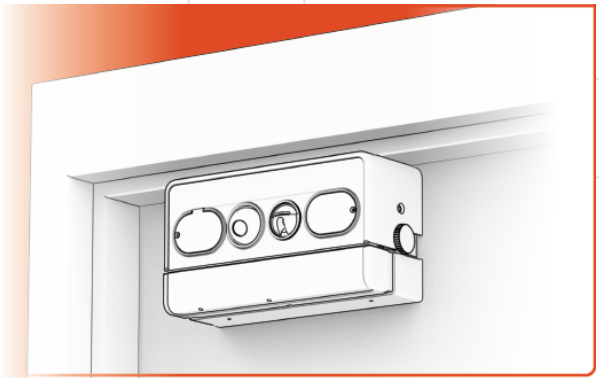
- The Gen4 natively integrates a Mercury LP1501 Controller
- The Gen4 also supports Weigand/RS-485 interfaces for Software House and LenelS2



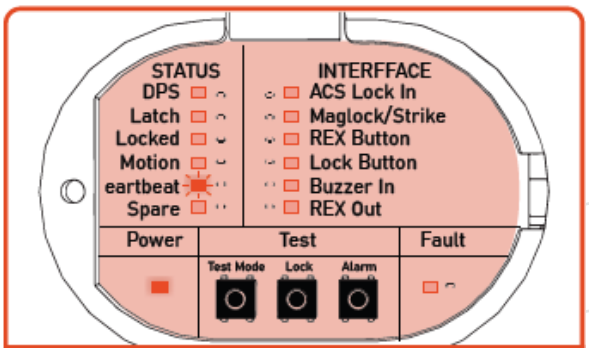
Inswing Installation



Outswing Installation



Integrated Lock Status Module



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Mechanical Specifications

Specification	Detail
Construction	Reinforced steel locking mechanism
Mounting	Lock on Frame access control system
Door compatibility	Commercial inswing and outswing doors
Access Control System Support	Physical footprint and mounting bracket integrated directly for Mercury LP1501 or Schlage CTE controllers
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Finish	Powder-coated steel
Dimensions	9.6" x 5.25" x 3.4"
Weight	9.5 pounds fully packaged

Electrical Specifications

Specification	Detail
Power Input	Cat6 POE+ cable
Power Consumption	Regulated 12 VDC, 24 VDC or Power over Ethernet Plus (POE+ IEEE 802.3at)
Battery Backup	Integrated backup battery system, 2 CR123A batteries
Voltage Input Range (Main Board)	+7-65V DC
Processing Architecture	Split-board design featuring an ultra-low power STM32L series microcontroller on the Control Board (CTL)
Communication	POE+ Connectivity

Installation Specifications

- Typical installation time: significantly faster than traditional magnetic lock installations
- Standard mounting hardware included (4 screws to install lock onto the door frame and 4 screws to secure locking mechanism to the door
- POE+ (Cat6) Cable provides device power and monitoring system integration
- Designed to simplify dealer installation processes

Compliance and Certifications

UL Certification – UL294 and UL10C
NFPA 101 Life Safety
ADA Compliance

Warranty and Support

Standard manufacturer warranty applies. Contact HavenLock technical support for installation assistance, firmware updates, and dealer support