

FOR IMMEDIATE RELEASE

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INOX debuts industry's first sensor-controlled, motor-driven electric mortise lock for sliding doors

New commercial-grade lock can integrate with most access control systems

SACRAMENTO, CA – [INOX](#) launches the [PD97](#), the industry's first sensor-controlled, motor-driven electric mortise lock for sliding doors. The PD97 utilizes a sensor-controlled motor that sends a signal to the lock, prompting it to automatically engage or retract without needing to touch the lock or handle. Ideal for application in commercial, hospitality and healthcare spaces, the PD97 offers builders and specifiers with a locking solution for restricted areas that also limits the touchpoints on door hardware.

"Automation and touchless technology are the next major focus areas for research and development in the hardware industry, especially with the onset of the COVID-19 pandemic," said Qianyan Cheng, INOX co-founder and Vice President of Product Development. "Most electrified commercial mortise locks still require touching the door lever to release the latch and open and close the door itself. The PD97 eliminates this, providing the first key solution towards a truly touchless door control system."

[**TWEET THIS:** Door #hardware company @INOX Hardware launches the PD97, the industry's first sensor-controlled, motor-driven electric mortise lock for sliding doors. The PD97 is also equipped with an optional hand wave access control unit. <https://youtu.be/UE47LYoqFjs>](#)

The PD97 is also equipped with an optional hand wave access control unit. When inside a locked room, such as a medicine supply closet in a hospital, users can wave their hand in front of an exterior infrared sensor. The sensor triggers within a 6-inch range, and the door will unlock automatically. The sensor is also equipped with an illuminated display for extra visibility.

The PD97 incorporates signal switches such as Request-to-Exit (REX) and Door Positioning Switches (DPS) for integration into existing access control systems, including keypads, and is a fail neutral device that allows for continued security in the event of a power outage. Although the lock is electrically driven, a mechanical lock is also incorporated within the device and remains engaged during an outage. This offers a key solution for sliding doors traditionally using magnetic locks, which lose power during an outage and leave doors insecure.

An advanced stepper motor is built within the lock case and offers ultra-quiet operation. The PD97 is compatible with all standard American mortise cylinders or interchangeable cylinders. The PD97 is ADA compliant, can provide emergency egress and is UL1034 certified.

Finish options include Bright Stainless Steel or Satin Stainless Steel as well as four different CeraMax coatings: Graphite Black, Flat Black, Stormy Grey and Dark Bronze. INOX MicroArmor antimicrobial coating is also available as an added option.

For more information about the PD97 or other INOX products, please visit www.inoxproducts.com.

Click to view **PD97 video** (0:17):



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About INOX

INOX is an innovative engineering company that designs and manufactures premium decorative hardware and door locks, including its industry-exclusive Privacy Barn Door Lock. For more than 25 years, INOX has been an expert in door hardware design with a proven track record of supplying product for some of the largest projects in North America, South America and around the world. INOX products are distributed worldwide via a network of more than 500 high-end retail designer hardware showrooms and distributors. To learn more about INOX, visit www.inoxproducts.com.