

INETS-IOEX-DOOR-BATT

infiNET EX® Wireless Door Sensor

- *Wireless door sensor*
- *Quick and easy installation*
- *Installs out of view*
- *Control system integration via infiNET EX® wireless communications*
- *Integrates with lighting controls, HVAC systems, and more*
- *External contact leads for connection to a dry contact sensor (optional)*
- *Battery powered (3+ year life)*
- *Low battery notification*
- *Available in black or white*

The Crestron® INETS-IOEX-DOOR-BATT detects when a door is opened and closed using a magnetic switch. The open and closed status is sent to a Crestron control system using the ultra-reliable infiNET EX® wireless communications platform.

Recess Mount

Recess mounting keeps the sensor out of view.^[1] Insert the sensor into a hole drilled into the top of the door to prevent the sensor from being seen easily. A small, low-profile magnet secures opposite the sensor on the door jamb complete the installation.

Surface Mount

Mount the INETS-IOEX-DOOR-BATT to the door using the supplied double-sided tape for quick and easy installation. An encapsulated magnet secures opposite the sensor on the door jamb to complete the installation.

Dry Contact Sensor (Optional)

Connect the INETS-IOEX-DOOR-BATT to an external dry contact (not supplied) to determine if the door is open or closed instead of a magnet. Attach the supplied dry contact leads to the sensor and then to the external dry contact.

infiNET EX® Wireless

Ultra-reliable infiNET EX wireless technology provides steadfast 2-way RF communications throughout a residential or commercial structure without the need for physical control wiring. Employing a 2.4 GHz mesh network topology, each infiNET EX device functions as an expander, passing command signals through to every other infiNET EX device within range (approximately 150 feet or 46 meters indoors), ensuring that every command reaches its intended destination without disruption.^[2]

The INETS-IOEX-DOOR-BATT communicates with a Crestron control system via an infiNET EX Wireless Gateway (model [CEN-GWEXER](#), [DIN-AP3MEX](#), or [MC3](#)^[3]). Up to 100 infiNET EX devices may coexist on a single wireless network, and every device that is added to the network effectively increases the range and stability of the entire network by providing multiple redundant signal paths.



Specifications

Power and Battery

3.6 VDC 1/2 AA lithium battery;
3+ years approximate battery life;
The INETS-IOEX-DOOR-BATT beeps when the door is opened or closed to indicate low battery

Controls

Magnetic Switch (internal): Normally Open (NO);
Closes when a magnet is within range of the active end of the sensor;
Attach the dry-contact connector (supplied) to use the sensor with a dry-contact closure (not supplied) instead of a magnet.

Setup Button: (1) recessed miniature pushbutton for test, reset, and acquire

Wireless Communications

RF Transceiver: infiNET EX 2-way RF, 2.4 GHz ISM;
Channels 11-26 (2400 to 2483.5 MHz), default channel 15;
IEEE 802.15.4 compliant

Range (typical): 150 ft (46 m) indoors, 250 ft (76 m) outdoors, to nearest mesh network device(s);
Subject to site-specific conditions and individual device capabilities^[2]

Gateway: Requires an infiNET EX gateway^[3]

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Construction

Enclosure: Plastic

Mounting: Recess Mount or Surface Mount

Recess Mount: Drill a 7/8 in. hole into the door or door frame ^[1] and slide the switch inside. The magnet mounts opposite the sensor with double-sided tape.

Surface Mount: Secure the switch to the door or door frame with double-sided tape. The magnet mounts opposite the sensor with double-sided tape.

Environmental

Temperature: 32° to 112°F (0° to 45°C)

Humidity: 10% to 90% RH (noncondensing)

Dimensions

Height: 0.68 in. (17 mm)

Width: 0.68 in. (17 mm)

Depth: 2.68 in. (68 mm)

Compliance

FCC Part 15, CE

Models & Accessories

Available Models

INETS-IOEX-DOOR-BATT-W

infiNET EX® Wireless Door Sensor, White

INETS-IOEX-DOOR-BATT-B

infiNET EX® Wireless Door Sensor, Black

Available Accessories

CEN-RFGW-EX_EXCLUDES-PWE

infiNET EX® and ER Wireless Gateway

CEN-RFGW-EX-PWE

infiNET EX® and ER Wireless Gateway with PoE Injector

CLW-EXPEX-GD-W-T

infiNET EX® Wireless Expander, Ground Pin Down, White Textured

DIN-AP3MEX

DIN Rail 3-Series® Automation Processor with infiNET EX® and ER Wireless Gateway

GLA-EXPEX

Crestron Green Light® Wireless Expander for infiNET EX® Networks

MC3

3-Series Control System® with infiNET EX® and ER Wireless Gateway

Notes:

1. The sensor is hidden when installed into the top of the door. If the sensor is installed in the strike edge of the door or the door jamb, the sensor may be visible. The magnet may be visible under all installation scenarios.
2. Any infiNET EX device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered infiNET EX devices, including the INETS-IOEX-DOOR-BATT, do not provide expander functionality. Wireless networks composed predominantly of battery-powered devices may need additional infiNET EX expanders, such as the CLW-EXPEX or GLA-EXPEX (sold separately), or other non-battery powered infiNET EX devices to ensure proper functionality of the network and battery life for the devices. Refer to the Best Practices for Installation and Setup of Crestron RF Products, Doc. #6689 for complete system design guidelines, or contact [Crestron True Blue Support](#) for further assistance.
3. Item(s) sold separately.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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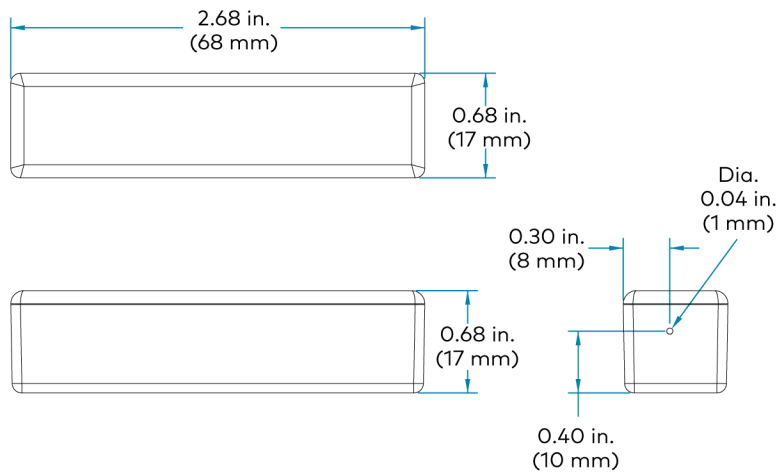
Specifications are subject to change without notice.

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