



Window / Door Sensor Wireless

Solar Powered

ILLUMRA Window/Door Sensors can be easily mounted on any standard door or window frame to enable occupancy-based control of lighting, HVAC and miscellaneous electric loads. The sensor uses radio frequency technology to communicate wirelessly with other ILLUMRA devices whenever it detects that a door or window has been opened or closed. The sensor is completely self-powered by harvesting ambient solar energy and offers a coin battery slot for power during extended periods of darkness. There are no wires to run, reducing installation time and eliminating the need for expensive installation. For maximum efficiency and control of energy use, combine the ILLUMRA Window/Door sensor with ILLUMRA ceiling or wall mounted occupancy sensors and Lighting & HVAC Controls.

Easy-To-Use

- Installs in minutes
- Requires no wiring
- Easy to configure
- Communicates with ILLUMRA receivers

Reliable Range

- 50-80 foot operating range (typical)
- Unique ID of each switch activates only the intended receiver(s)

Save Time and Money

Avoid costly and time-consuming installation of hardwire switches and sensors by choosing ILLUMRA wireless switches and sensors. Never tear open a wall again!

Compatible Devices

- E9X-RUV-4IBTP 4-Wire Relay
- E9R-R04FP-8 8-Channel LV Receiver
- E9X-HSM HVAC Setback Module
- More receivers available



Simple Wireless Control

- Mount sensors in a door or window frame
- Integrated solar cell harvests indoor light to power the device
- Generate savings with ILLUMRA lighting and HVAC controls
- Control lights, thermostats, or other electrical loads
- Reconfigure or relocate as needed
- Built in mounting plate for easy installation on any standard door or window frame

SPECIFICATIONS

Part Number	E9T-MCS
Power Supply	Indoor light energy harvesting - Optional supplemental battery
Input / Outputs	<ul style="list-style-type: none"> • Integrated solar cell for energy harvesting • Magnetic reed switch contact sensor • Radio Frequency (RF) transmitter
Charge Time Before Linking	4 minutes @ 200 lux
Transmission Range	50-80 Feet (typical)
Frequency	902 MHz EnOcean Protocol
Dimensions	0.81 (l) x 3.86 (h) x 0.62 (w)
Light Required to Maintain Operation	50 lux for 30 transmissions/hour - 100 lux for 60 transmissions/hour
Charge Time for Full Charge	20 hours @ 200 lux (after startup) 40 hours @ 200 lux (cold start)
Operating Life in Darkness <small>(after full charge)</small>	7 days: heartbeat only 3 days @ 10 actuations/hour 10 hours @ 100 actuations/hour
Addressing	Factory set unique ID (1 of 4 billion)

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