



Line Voltage Sensor

The ILLUMRA E9X-CUV Line Voltage Sensor provides a method to wirelessly bridge control from one circuit to another. The Line Voltage Sensor monitors any line voltage circuit and broadcasts the status to wirelessly control one or more circuits connected to compatible controllers.

The Line Voltage Sensor wirelessly extends control from occupancy, vacancy, light sensors, timers, etc. to secondary circuits.



- Extend control from one circuit to another.
- Eliminate Switch leg wiring
- Integral program and Link buttons
- Compact size



Applications



Retrofitting



New Construction



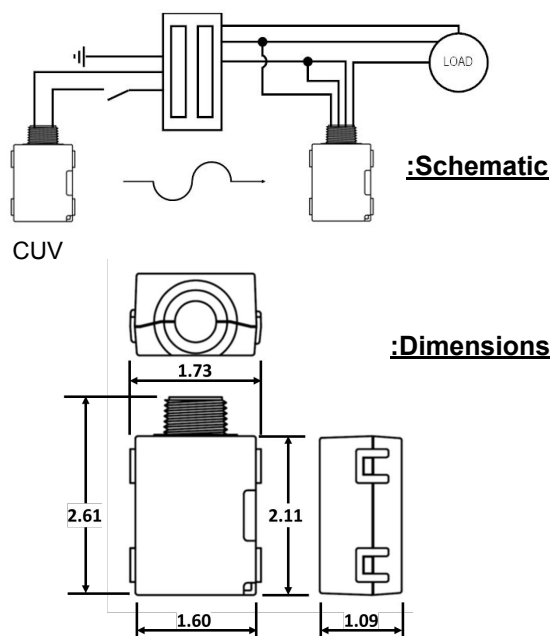
Classrooms



Offices



Warehousing



Technical Spec:	E9X-CUV Model
Input Power	100-277 VAC 50/60 Hz, <0.5w Standby power
Communication	902 MHz
Range	50-150 Ft. (17-50m)
Operating Temp	32° to 122°F (0° to 50°C)
Storage Temp	-4° to 176°F (-20° to 80°C)
Dimensions	2.61" H x 1.60" W x 1.09" D (54 mm x 44 mm x 28 mm)
Compliance / Approvals	UL 60730 (safety) UL 2043 (plenum) CSA c22.2#14.05 (safety) FCC: SZV-STM300U (902 MHz) IC: 5713A-STM300U (902 MHz)

Ordering (example: E9X-CUV):

E9X	-	C	UV
E9X = EnOcean 902MHz Transceiver		C = Circuit control	UV = Universal voltage

This device or certain aspects thereof is protected by at least one U.S. or International patent or has at least one such patent application pending



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COMPATIBILITY

Name	Model	Uses
Wireless On/Off Area Controller	E9X-RUV-4IBTP	Switches On/Off area controller for lighting zones, thermostats, pumps or motors (20A)
Wireless On/Off Controller	E9X-RUV-3HOTP	Switches On/Off controller for light fixtures, pumps, or motors (5A)
Area Controller 0-10V Dimming	E9X-DUV-10VTP	20A Area Controller 0-10v Dimming
Fixture Controller 0-10V Dimming	E9X-DUV-10VTP-FX	5A Fixture Controller 0-10v Dimming

LINKS

[Product Page](#)



E9X-DUV-10VTP



E9X-DUV-10VTP-FX



E9X-RUV-3HOTP



E9X-RUV-4IBTP



BID SPECIFICATION -

2.5 SIGNAL RELAY WIRELESS INTERFACES AND GATEWAYS

A. Contact Interfaces:

1. Basis of Design: Wireless Active Circuit Transmitter, ILLUMRA E9X-CUV Series by Ad Hoc Electronics Inc.
 - a. Standards Compliance:
 - 1) UL 60730 (safety), UL2043 (plenum). Certified to CAN/CSA Standard C22.2 No.14. ETL listed.
 - 2) FCC Part 15.231 and IC RSS-210.
 - b. Mechanical:
 - 1) Mounting: Inside a standard electrical junction box.
 - 2) Buttons: Repeater enable / disable and status for configuration.
 - a) Buttons to be accessible when Power Sensor is mounted prior to installation of junction box cover.
 - 3) Two LED Indicators: Display power and status information.
 - c. Electrical:
 - d. Supply Voltage: 120-277 VAC, 50/60 Hz.
 - e. Radio: 902 MHz EnOcean. Other radio frequencies are not acceptable
 - f. Radio Range: Laterally Through Walls: 80 ft. Open Space: 150 ft.
 - g. Functional:
 - 1) Monitor power from connected circuit and transmit circuit status to connected controllers as occupancy status.
 - 2) Single or dual-hop wireless signal repeating to other controllers.