CLCI-1SW2EX-W

Wireless In-Ceiling Switch, 230VAC

The CLCI-1SW2EX-W is a two-channel switch capable of controlling two
independent, 230 Volt AC lighting loads. Its ultra-slim design allows it
to be installed in the ceiling, either next to or near the fixture.
Powered by infiNET EX® technology, this CLCI device communicates
wirelessly with the Crestron® control system, making it perfect for both
new and retrofit applications. Additionally, the switch installs inline
without requiring any special wiring and can be controlled via a standard
light switch.

Two Independent Channels

The CLCI-1SW2EX-W switches incandescent, tungsten-halogen, magnetic
low-voltage, electronic low-voltage, fluorescent ballast, neon/cold

cathode, and motor loads for each of the two independent channels. Two
sets of screw terminals enable easy wiring to each load of up to
500 VA.

Easy Loop-Thru Wiring

Feeding each switch is a set of terminals used to power the unit. A second
set of high-voltage terminals wired in parallel allow for a fast, clean
installation when deploying multiple CLCI units. No need for wire

connectors or extra gang boxes; just "daisy chain" multiple CLCIs
together. In certain retrofit applications, this lets you create more
zones from what was originally wired.

Out-of-the-Box Control via Standard Switch

Simple Setup

Setup is simple, especially when using a connected maintained or momentary
switch. A specific series of button presses initiates the wireless
device's acquire mode, so there's no need to climb a ladder to
join the device to the infiNET EX network.

infiNET EX

Ultra-reliable infiNET EX wireless technology provides steadfast two-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.[1]
The CLCI-1SW2EX-W communicates with a Crestron® control system via an
infiNET EX Wireless Gateway (model **CEN-RFGW-EX, DIN-AP3MEX**, or **MC3**

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SPECIFICATIONS

Load Ratings

Number of Channels: 2

Maximum Load per Channel: 2AX (2A fluorescent)

Switch Load Types: Incandescent, tungsten-halogen, magnetic low-voltage,

electronic low-voltage, fluorescent ballast, neon/cold cathode, motor

Input Voltage

220 to 240 Volts AC, 50/60Hz, line power

Wireless

RF Transceiver: infiNET EX® 2-way RF, 2.4 GHz ISM channels 11-26 (2400

to 2483.5 MHz), default channel 15;

Range: 30 m (100 ft) indoors, 55 m (175 ft) outdoors for device to device;

45 m (150 ft) indoors, 75 m (250 ft) outdoors for device to gateway;

All distances subject to site specific conditions [1]

Gateway: Requires an infiNET EX gateway [2]

Connections

L: (3) Screw terminals, connect to line AC;

N: (2) Screw terminals, connect to neutral AC;

G: (2) Screw terminals, connect to earth ground;

R: (1) Screw terminal, connects to remote switch (remote switch wires to

L and R; Consult manual for more information)

N1: (1) Screw terminal, neutral, channel 1

SL1: (1) Screw terminal, switched line power, channel 1

N2: (1) Screw terminal, neutral, channel 2

SL2: (1) Screw terminal, switched line power, channel 2

Controls & Indicators

Setup: (1) Miniature pushbutton, joins an infiNET EX network

Enclosure

Plastic

Environmental

Temperature: 0° to 40° C (32° to 104° F)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 178 mm (7.00 in)

Width: 55 mm (2.13 in)

Length: 41 mm (1.63 in)

Weight

199 g (7 oz)

Notes:

1. 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 do not provide expander functionality.

2. Item(s) sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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

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

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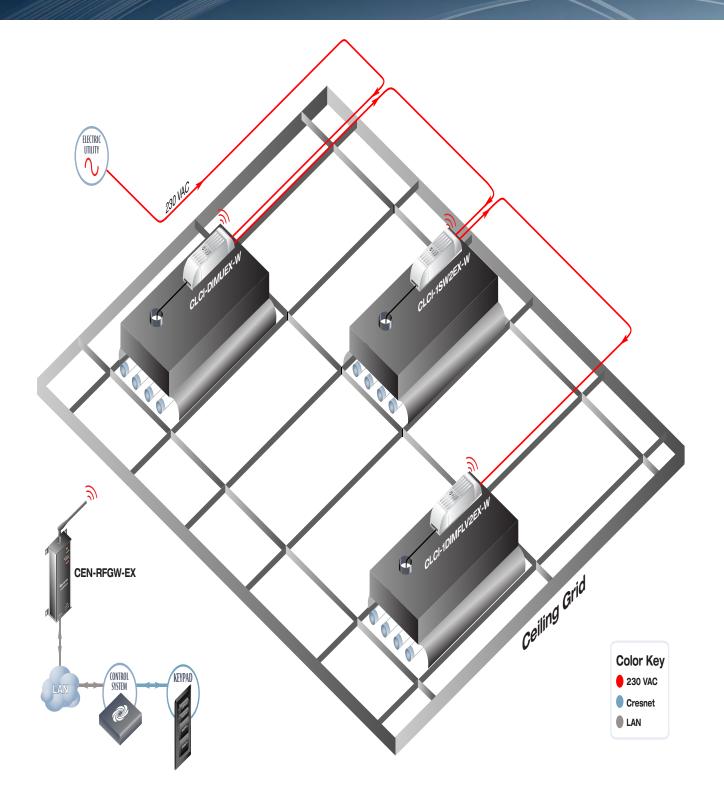
Electronics, Inc.

Wireless In-Ceiling Switch, 230VAC

In-Ceiling Wireless Lighting Control

Color Key
- 🔴 230 VAC
- 🔵 Cresnet
- ⚫ LAN

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