

Cameo[®] Express Wireless In-Wall Switch, 120V

- > Fieldreplaceable and engravable buttons
- > Available in black, white, or almond
- > infiNET EX[®] robust communication
- > Models popular Cameo[®] style
- > Configurable with rocker or 2 buttons
- > Matching aesthetics across entire line
- > Screw-clamp connectors for easier & improved installation
- > Stylish bargraph provides real-time status feedback

The CLW-SWEX-E is a Cameo[®] Express wireless in-wall switch that features field-replaceable and engravable buttons. Configurable with two buttons or in a rocker layout, the CLW-SWEX-E is more versatile than previous generations of in-wall switches. Even more affordable than [Cameo dimmers and switches](#), the Cameo Express line makes it possible to bring controlled lighting to every room in the home or office. Its streamlined design complements the entire line of Cameo dimmers, switches and keypads, making it a great addition to new or retrofit installations. In addition to its attractive look and feel, infiNET EX[®] communication technology brings proven reliability to the CLW-SWEX-E.

Field-Replaceable Button Faces

Like their cousin Cameo keypads, the buttons on the CLW-SWEX-E can be swapped in the field, making it easy to change engraving or color after installation. The new rocker controller brings a familiar user interface to the Crestron[®] in-wall switch, while the two-button layout offers clear on/off control.

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 CLW-SWEX-E communicates with a Crestron control system via an infiNET EX Wireless Gateway (model [CEN-RFGW-EX](#), [DIN-AP3MEX](#), or [MC3](#)^[2]). 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^[1]. Built-in Dynamic Frequency Allocation continuously moni-



tors RF conditions, automatically selecting the clearest channel to prevent interference from neighboring networks, cordless phones, and micro-waves.

Streamlined Installation

In addition to field-replaceable buttons, the CLW-SWEX-E features screw-clamp connectors for simplified wiring while reducing installation time and material costs. So slim, the Cameo line can be installed in standard gang boxes making them the perfect choice for both new and retrofit projects.

Custom Programmable Keypad

Because the CLW-SWEX-E is attached to the Crestron network, it can also function as a keypad, sending commands to trigger whole-room or house lighting scenes, or any other function. The two-button layout takes advantage of prime single-gang wall box real estate; use buttons to control in-room audio or lamps. Press-and-hold and double-tap functionality allows buttons to be used for more than just one function.

SPECIFICATIONS

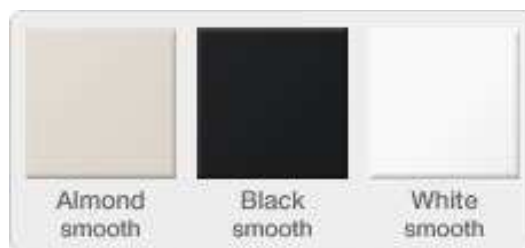
Load Ratings

Incandescent / Tungsten Halogen / Magnetic Ballasts: 1000 VA/Watts;

Electronic Ballasts / CFL: 600VA;

Motor: 1/2 HP

Minimum Load: 25 Watts



Due to differences in monitors, actual colors may vary from colors as they appear onscreen.

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Power Requirements

120 Volts AC, 60Hz, line power

Controls

Button: Configurable for 1 or 2 single-action pushbuttons, programmable via control system

LED Indicator

Feedback: (1) Green LED

Wireless

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) indoor, 250 ft (76 m) outdoor to nearest mesh network device(s); subject to site-specific conditions and individual device capabilities^[1]

Gateway: Requires an infiNET EX gateway^[2]

Connections

Hot: (1) 14-12 AWG, screw terminal, brass, line power input

Load: (1) 14-12 AWG, screw terminal, red, load output

Neutral: (1) 14-12 AWG, screw terminal, silver, neutral^[3]

Ground: (1) 18 AWG, screw terminal, green, ground

Environmental

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

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

Enclosure

1-gang mountable in a 3-1/2 inch deep electrical box;
Requires decorator style faceplate (not included)

Dimensions

Height: 4.13 in (105 mm)

Width: 1.75 in (45 mm)

Depth: 1.75 in (45 mm)

Weight

5 oz (142 g)

MODELS & ACCESSORIES

Available Models

CLW-SWEX-E-A-S: Cameo® Express Wireless In-Wall Switch, 120V, Almond Smooth

CLW-SWEX-E-B-S: Cameo® Express Wireless In-Wall Switch, 120V, Black Smooth

CLW-SWEX-E-W-S: Cameo® Express Wireless In-Wall Switch, 120V, White Smooth

Included Accessories

CLW-BTN-RKR-A-S: Rocker Engravable Button Cap (blank), Almond, Gloss [Included Quantity for CLW-SWEX-E-A-S: 1]

CLW-BTN-RKR-B-S: Rocker Engravable Button Cap (blank), Black, Gloss [Included Quantity for CLW-SWEX-E-B-S: 1]

CLW-BTN-RKR-W-S: Rocker Engravable Button Cap (blank), White, Gloss [Included Quantity for CLW-SWEX-E-W-S: 1]

Available Accessories

CEN-RFGW-EX: infiNET EX® Wireless Gateway

CEN-RFGW-EX-PWE: infiNET EX® Wireless Gateway w/PoE Injector

MC3: 3-Series Control System® w/infiNET EX®

DIN-AP3MEX: DIN Rail 3-Series® Automation Processor w/infiNET EX®

CLW-BTN-LG-A-S: Large Engravable Button Cap, Almond, Gloss

CLW-BTN-LG-B-S: Large Engravable Button Cap, Black, Gloss

CLW-BTN-LG-W-S: Large Engravable Button Cap, White, Gloss

CLW-BTN-RKR-A-S: Rocker Engravable Button Cap, Almond, Gloss

CLW-BTN-RKR-B-S: Rocker Engravable Button Cap, Black, Gloss

CLW-BTN-RKR-W-S: Rocker Engravable Button Cap, White, Gloss

CLW-EXPEX-GD-W-T: infiNET EX® Wireless Expander, Ground Pin Down, White Textured

GLA-EXPEX: Crestron Green Light® Wireless Expander for infiNET EX® Networks

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. A dedicated infiNET EX Wireless Expander, model CLW-EXPEX or GLA-EXPEX, is also available.
2. Item(s) sold separately.
3. A neutral wire is required for operation.

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.

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CAD DRAWING

