

# CLW-SWEX-P

## Cameo® Wireless In-Wall Switch, 120V

- > Field-replaceable, engravable buttons
- > Available in all designer colors
- > Robust infiNET EX® communication
- > Models popular Cameo® style
- > Configurable with rocker or 2 buttons
- > Matching aesthetics across entire line
- > Supports remote dimmers and switches (CLW-SLVU-P)
- > Screw-clamp connectors for easy installation
- > Stylish bargraph provides real-time status feedback

The CLW-SWEX-P is a Cameo® wireless in-wall switch which features field-replaceable, engravable buttons. Available in designer colors and configurable with two buttons or in a rocker layout, the CLW-SWEX-P is more versatile than previous generations of in-wall switches. Its streamlined design matches 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-P.

### Field-Replaceable Button Faces

Like their cousin Cameo keypads, the buttons on the CLW-SWEX-P can be swapped in the field, making it easy to change engraving or color after installation. The 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.<sup>[1]</sup>

The CLW-SWEX-P communicates with a Crestron control system via an infiNET EX Wireless Gateway (model CEN-RFGW-EX, DIN-AP3MEX, or MC3<sup>[2]</sup>). Up to 100 infiNET EX devices, including Cameo Wireless Keypads



and In-Wall Switches<sup>[2]</sup>, 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<sup>[1]</sup>.

### Streamlined Installation

In addition to field replaceable buttons, the CLW-SWEX-P 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.

### Remote Switch

The CLW-SWEX-P supports control of the same lights from more than one location. Easily replace existing dimmers and switches wired in a traditional three- or four-way circuit with on/off control from every location, or design new projects to accommodate remote switches wherever desired. The [CLW-SLVU-P](#) remote dimmer simply connects to the “traveler” wire and switches the load attached to the CLW-SWEX-P.

### Custom Programmable Keypad

Because the CLW-SWEX-P 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.



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

# CLW-SWEX-P Cameo® Wireless In-Wall Switch, 120V

## SPECIFICATIONS

### Load Ratings

Incandescent / Tungsten Halogen / Magnetic Ballast: 1000 VA/Watts;  
Electronic Ballasts / CFL: 600VA;  
Motor: 1/2 HP  
Minimum Load: 25 Watts

### 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) White 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<sup>[1]</sup>

Gateway: Requires an infiNET EX gateway<sup>[2]</sup>

### Connections

Hot: (1) 14-12 AWG, screw terminal, brass, line power input  
Remote: (1) 14-12 AWG, screw terminal, blue, remote  
Load: (1) 14-12 AWG, screw terminal, red, load output  
Neutral: (1) 14-12 AWG, screw terminal, silver, neutral<sup>[3]</sup>  
Ground: (1) 18 AWG Class 1 flying lead, green, ground (wire nut included)

### 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-P-A-S: Cameo® Wireless In-Wall Switch, 120V, Almond Smooth  
CLW-SWEX-P-A-T: Cameo® Wireless In-Wall Switch, 120V, Almond Textured  
CLW-SWEX-P-B-S: Cameo® Wireless In-Wall Switch, 120V, Black Smooth  
CLW-SWEX-P-B-T: Cameo® Wireless In-Wall Switch, 120V, Black Textured  
CLW-SWEX-P-BRN-S: Cameo® Wireless In-Wall Switch, 120V, Brown Smooth  
CLW-SWEX-P-DA-S: Cameo® Wireless In-Wall Switch, 120V, Dark Almond Smooth  
CLW-SWEX-P-DSK-T: Cameo® Wireless In-Wall Switch, 120V, Dusk Textured  
CLW-SWEX-P-GRY-S: Cameo® Wireless In-Wall Switch, 120V, Gray Smooth  
CLW-SWEX-P-IVR-S: Cameo® Wireless In-Wall Switch, 120V, Ivory Smooth  
CLW-SWEX-P-LAT-T: Cameo® Wireless In-Wall Switch, 120V, Latte Textured  
CLW-SWEX-P-W-S: Cameo® Wireless In-Wall Switch, 120V, White Smooth  
CLW-SWEX-P-W-T: Cameo® Wireless In-Wall Switch, 120V, White Textured

### Included Accessories

CLW-BTN-RKR-A-S: Rocker Engravable Button Cap (blank), Almond, Gloss [Included Quantity for CLW-SWEX-P-A-S: 1]  
CLW-BTN-RKR-A-T: Rocker Engravable Button Cap (blank), Almond, Matte [Included Quantity for CLW-SWEX-P-A-T: 1]  
CLW-BTN-RKR-B-S: Rocker Engravable Button Cap (blank), Black, Gloss [Included Quantity for CLW-SWEX-P-B-S: 1]  
CLW-BTN-RKR-B-T: Rocker Engravable Button Cap (blank), Black, Matte [Included Quantity for CLW-SWEX-P-B-T: 1]  
CLW-BTN-RKR-BRN-S: Rocker Engravable Button Cap (blank), Brown, Gloss [Included Quantity for CLW-SWEX-P-BRN-S: 1]  
CLW-BTN-RKR-DA-S: Rocker Engravable Button Cap (blank), Dark Almond, Gloss [Included Quantity for CLW-SWEX-P-DA-S: 1]  
CLW-BTN-RKR-DSK-T: Rocker Engravable Button Cap (blank), Dusk, Matte [Included Quantity for CLW-SWEX-P-DSK-T: 1]  
CLW-BTN-RKR-GRY-S: Rocker Engravable Button Cap (blank), Gray, Gloss [Included Quantity for CLW-SWEX-P-GRY-S: 1]  
CLW-BTN-RKR-IVR-S: Rocker Engravable Button Cap (blank), Ivory, Gloss [Included Quantity for CLW-SWEX-P-IVR-S: 1]  
CLW-BTN-RKR-LAT-T: Rocker Engravable Button Cap (blank), Latte, Matte [Included Quantity for CLW-SWEX-P-LAT-T: 1]  
CLW-BTN-RKR-W-S: Rocker Engravable Button Cap (blank), White, Gloss [Included Quantity for CLW-SWEX-P-W-S: 1]  
CLW-BTN-RKR-W-T: Rocker Engravable Button Cap (blank), White, Matte [Included Quantity for CLW-SWEX-P-W-T: 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®

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

**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

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

**CLW-BTN-LG-A-T:** Large Engravable Button Cap, Almond, Matte

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

**CLW-BTN-LG-B-T:** Large Engravable Button Cap, Black, Matte

**CLW-BTN-LG-BRN-S:** Large Engravable Button Cap, Brown, Gloss

**CLW-BTN-LG-DA-S:** Large Engravable Button Cap, Dark Almond, Gloss

**CLW-BTN-LG-DA-T:** Large Engravable Button Cap, Dark Almond, Matte

**CLW-BTN-LG-GRY-S:** Large Engravable Button Cap, Gray, Gloss

**CLW-BTN-LG-IVR-S:** Large Engravable Button Cap, Ivory, Gloss

**CLW-BTN-LG-LAT-T:** Large Engravable Button Cap, Latte, Matte

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

**CLW-BTN-LG-W-T:** Large Engravable Button Cap, White, Matte

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

**CLW-BTN-RKR-A-T:** Rocker Engravable Button Cap, Almond, Matte

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

**CLW-BTN-RKR-B-T:** Rocker Engravable Button Cap, Black, Matte

**CLW-BTN-RKR-BRN-S:** Rocker Engravable Button Cap, Brown, Gloss

**CLW-BTN-RKR-DA-S:** Rocker Engravable Button Cap, Dark Almond, Gloss

**CLW-BTN-RKR-DA-T:** Rocker Engravable Button Cap, Dark Almond, Matte

**CLW-BTN-RKR-GRY-S:** Rocker Engravable Button Cap, Gray, Gloss

**CLW-BTN-RKR-IVR-S:** Rocker Engravable Button Cap, Ivory, Gloss

**CLW-BTN-RKR-LAT-T:** Rocker Engravable Button Cap, Latte, Matte

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

**CLW-BTN-RKR-W-T:** Rocker Engravable Button Cap, White, Matte

**CLW-SLVU-P-A-S:** Cameo® In-Wall Remote Dimmer, 120V, Almond Smooth

**CLW-SLVU-P-A-T:** Cameo® In-Wall Remote Dimmer, 120V, Almond Textured

**CLW-SLVU-P-B-S:** Cameo® In-Wall Remote Dimmer, 120V, Black Smooth

**CLW-SLVU-P-B-T:** Cameo® In-Wall Remote Dimmer, 120V, Black Textured

**CLW-SLVU-P-BRN-S:** Cameo® In-Wall Remote Dimmer, 120V, Brown Smooth

**CLW-SLVU-P-DA-S:** Cameo® In-Wall Remote Dimmer, 120V, Dark Almond Smooth

**CLW-SLVU-P-DA-T:** Cameo® In-Wall Remote Dimmer, 120V, Dark Textured

**CLW-SLVU-P-GRY-S:** Cameo® In-Wall Remote Dimmer, 120V, Gray Smooth

**CLW-SLVU-P-IVR-S:** Cameo® In-Wall Remote Dimmer, 120V, Ivory Smooth

**CLW-SLVU-P-LAT-T:** Cameo® In-Wall Remote Dimmer, 120V, Latte Textured

**CLW-SLVU-P-W-S:** Cameo® In-Wall Remote Dimmer, 120V, White Smooth

**CLW-SLVU-P-W-T:** Cameo® In-Wall Remote Dimmer, 120V, White Textured

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 normal operation. Refer to the manual for alternate wiring configurations.

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](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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# CLW-SWEX-P Cameo® Wireless In-Wall Switch, 120V

## CAD DRAWINGS

