

CLW-DIMEX-230-P

Cameo® Wireless In-Wall Dimmer, 230V



- > Available in all designer colors
- > infiNET EX® robust communication
- > Models popular Cameo® style
- > Configurable up to 4 buttons
- > Matching aesthetics across entire line
- > Supports remote dimmer/switches (CLW-SLVU-230-P)
- > Stylish bargraph provides real-time status feedback

The CLW-DIMEX-230-P is a Cameo® in-wall dimmer that features field-replaceable and engravable buttons. Along with the entire line of [Cameo products](#), the CLW-DIMEX-230-P can be configured with various button layouts and designer colors, making it more versatile and affordable than previous generations of in-wall dimmers. Its streamlined, attractive design matches the entire line of Cameo dimmers, switches and keypads, making it a great addition to new or retrofit installations. Wireless infiNET EX® communication technology brings proven reliability to the CLW-DIMEX-230-P.

Field-Replaceable Button Faces

Like their cousin [Cameo keypads](#), the buttons on the CLW-DIMEX-230-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 dimmer, while the versatility of up to four buttons takes advantage of prime single-gang wall box real estate. Use buttons to control in-room audio or lamps in addition to any other light connected to the system. The comprehensive list of designer colors blends the CLW-DIMEX-230-P into virtually any décor and style, suiting even the most exquisite space.

Integrated Keypad

Because the CLW-DIMEX-230-P is attached to the Crestron network, it can also function as a keypad, sending commands to trigger whole-room lighting scenes or distributed audio functions. Supporting up to four buttons, the in-wall dimmer serves as a great user control interface in any Crestron system. Its single-gang form factor maximizes control capability in a small space while increasing the opportunity for Crestron control in every room.

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-DIMEX-230-P 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].

Remote Dimmer

The CLW-DIMEX-230-P supports dimming 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 dim control from every location, or design new projects to accommodate remote dimmers wherever desired. The [CLW-SLVU-230-P](#) remote dimmer/switch simply connects to the “traveler” wire and dims the load attached to the CLW-DIMEX-230-P.



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

CLW-DIMEX-230-P Cameo® Wireless In-Wall Dimmer, 230V

SPECIFICATIONS

Load Ratings

Incandescent/Tungsten Halogen/Magnetic Low Voltage: 1000 W/VA;
Minimum Load: 25 Watts (with dedicated neutral connected);
50 Watts (no dedicated neutral)

Power Requirements

230 Volts AC, 50/60Hz, line power

Controls

Button 1-4: Configurable for 1 to 4 single-action pushbuttons, programmable via control system
Dimming Ramp Rate: 5 seconds (default), software adjustable 0.01 to 10 seconds
Preset Fade Time: 2 seconds (default), software adjustable 0.01 to 120 seconds

LED Indicator

Feedback: (7) White LEDs
Bargraph: (1) 7-segment bargraph display utilizing the 7 feedback LEDs

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

Line: Brown wire, 1.5mm² (16 AWG)
Remote: Yellow wire, 1.5mm² (16 AWG)
Load: Red wire, 1.5mm² (16 AWG)
Neutral: Blue wire, 1.5mm² (16 AWG)
Ground: Green/Yellow wire, 1.5mm² (16 AWG)

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 (89 mm) 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

4.9 oz (139 g)

MODELS

Available Models

CLW-DIMEX-230-P-A-S: Cameo® Wireless In-Wall Dimmer, 230V, Almond Smooth
CLW-DIMEX-230-P-A-T: Cameo® Wireless In-Wall Dimmer, 230V, Almond Textured
CLW-DIMEX-230-P-B-S: Cameo® Wireless In-Wall Dimmer, 230V, Black Smooth
CLW-DIMEX-230-P-B-T: Cameo® Wireless In-Wall Dimmer, 230V, Black Textured
CLW-DIMEX-230-P-BRN-S: Cameo® Wireless In-Wall Dimmer, 230V, Brown Smooth
CLW-DIMEX-230-P-DA-S: Cameo® Wireless In-Wall Dimmer, 230V, Dark Almond Smooth
CLW-DIMEX-230-P-DSK-T: Cameo® Wireless In-Wall Dimmer, 230V, Dusk Textured
CLW-DIMEX-230-P-GRY-S: Cameo® Wireless In-Wall Dimmer, 230V, Gray Smooth
CLW-DIMEX-230-P-IVR-S: Cameo® Wireless In-Wall Dimmer, 230V, Ivory Smooth
CLW-DIMEX-230-P-LAT-T: Cameo® Wireless In-Wall Dimmer, 230V, Latte Textured
CLW-DIMEX-230-P-W-S: Cameo® Wireless In-Wall Dimmer, 230V, White Smooth
CLW-DIMEX-230-P-W-T: Cameo® Wireless In-Wall Dimmer, 230V, 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.

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.

Crestron, the Crestron logo, Cameo, and infiNET EX are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice. ©2014 Crestron Electronics, Inc.

CLW-DIMEX-230-P Cameo® Wireless In-Wall Dimmer, 230V

CAD DRAWINGS

