

CLW-DELVEX-E

Cameo® Express Wireless In-Wall ELV Dimmer, 120V



- > Provides reverse-phase dimming
- > Available in black, white, or almond
- > infiNET EX® robust communication
- > Supports electronic low voltage dimming
- > Models popular Cameo® style
- > Configurable up to 4 buttons
- > Matching aesthetics across entire line
- > Stylish bargraph provides real-time status feedback
- > CEC Title 24 2013 Compliant

The CLW-DELVEX-E is a Cameo® Express wireless in-wall ELV dimmer designed for dimming low voltage light, supporting lighting load such as tungsten-halogen, incandescent, and dimmable Edison Screw Base LED. Even more affordable than Cameo dimmers and switches, the CLW-DELVEX-E features field-replaceable, engravable buttons and can be configured with various button layouts. 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-DELVEX-E.

Field-Replaceable Button Faces

Like their cousin Cameo keypads, the buttons on the CLW-DELVEX-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 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.

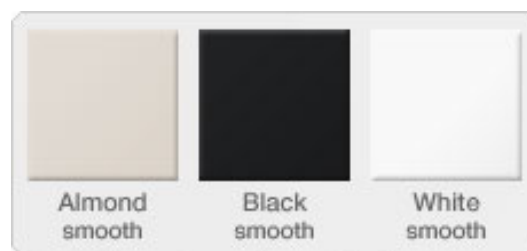
Integrated Keypad

Because the CLW-DELVEX-E 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-DELVEX-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, including Cameo Wireless Keypads and In-Wall Switches^[2], 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].



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

SPECIFICATIONS

Load Ratings

Load Types: Incandescent, tungsten-halogen, electronic low-voltage transformers for low-voltage halogen or LED, electronic CFL, dimmable 2-wire fluorescent ballast, dimmable Edison Screw Base LED

Maximum Load: 500 W/VA^[3]

Minimum Load: 25 Watts (with dedicated neutral connected)

Power Requirements

120 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) Green 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: Black wire, 16 AWG

Neutral: White wire, 16 AWG

Load: Red wire, 16 AWG

Ground: Green wire, 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 deep electrical box;
Requires decorator style faceplate (not included)

Dimensions

Height: 4.13 in (105 mm)

Width: 1.75 in (45 mm)

Depth: 1.82 in (47 mm)

Weight

5 oz (142 g)

Standards & Certifications

UL 1472

CSA C22.2 No. 184.1

CEC Title 24 2013 Compliant

MODELS & ACCESSORIES

Available Models

CLW-DELVEX-E-A-S: Cameo® Express Wireless In-Wall Dimmer, ELV, 120V, Almond Smooth

CLW-DELVEX-E-B-S: Cameo® Express Wireless In-Wall Dimmer, ELV, 120V, Black Smooth

CLW-DELVEX-E-W-S: Cameo® Express Wireless In-Wall Dimmer, ELV, 120V, White Smooth

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-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. Derating applies for multigang installations. Refer to Installation Guide for this product for more information.

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, 3-Series, 3-Series Control System, Cameo, Crestron Green Light, 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.