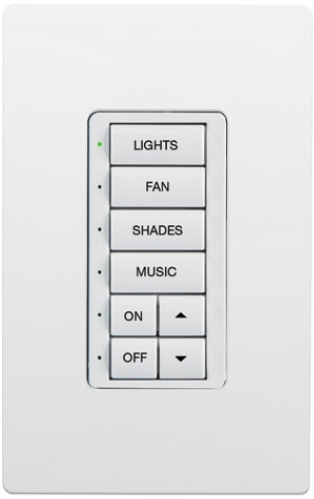
INET-CBDEX-E

CAMEO®

Cameo® Express Wireless Keypad w/infiNET EX®



infiNET EX®

- *Stylish and versatile wall-mount keypad*
- *Standard electrical box installation*
- *Color-matched almond, black, and white smooth finishes*
- *Versatile combinations of 2 to 8 pushbuttons*
- *Installer-configurable with choice of 4 button sizes*
- *"Split" buttons for "up/down" and "on/off" functions[4]*
- *"Button Events" enable tap, double-tap, and press and hold functionality*
- *Customizable button engraving[1]*
- *Green LED feedback indicators*
- *Built-in LED blinking and bargraph logic*
- *Adjustable LED intensity*
- *Quick and easy installation*
- *AC line powered*
- *120 and 230 Volt models available*
- *infiNET EX® 2-way RF wireless communications*

The Cameo® Express Wireless Keypad (INET-CBDEX-E) presents a very cost-effective keypad solution, offering cutting-edge wireless performance with ease of installation in a highly configurable one-gang, wall-mount form factor that is at once inviting to the touch and appealing to the eye.

Perfect for retrofit applications in existing homes and landmark structures, the INET-CBDEX-E easily installs alongside light switches and other in-wall devices to deliver a custom keypad control solution without any need for dedicated control wiring. Cameo Express Wireless Keypads simply connect to the nearest AC power line (120 or 230 Volt), communicating via the infiNET EX® wireless control network to allow full keypad functionality with true-feedback as part of a complete Crestron® control system.

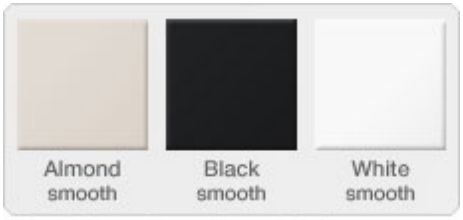
Customizable Buttons

Exquisitely simple yet highly customizable, a single Cameo Express Wireless Keypad can be configured easily by the installer to provide from two to eight buttons. Each keypad is actually furnished with an assortment of button caps in four different sizes to support a variety of physical layouts. Button caps may also be ordered with custom laser engraving to clearly designate each button's function.[1]

Through programming, each button can be configured to use "button events," affording up to three separate functions per button by tapping, double-tapping, or pressing and holding the button. "Shift key" functionality, in which the user presses and holds one button while simultaneously tapping another, provides further customization for this versatile keypad.

Enhanced LED Feedback

Six pinhead-sized green LEDs afford fully customizable feedback to show the status of each button. Ten blink patterns are built in, enabling blinking LED feedback with simplified programming and reduced traffic on the infiNET EX network. Onboard bar graph logic allows the feedback LEDs to function as a 6-segment bar graph display, providing clear level indication while adjusting lighting and audio settings.



Actual colors may vary.

INET-CBDEX-E Cameo® Express Wireless Keypad w/infiNET EX®

infiNET EX

Ultra-reliable infiNET EX wireless technology provides steadfast 2-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 Cameo Express Wireless Keypad 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.[2]

Cameo Express Wireless Keypads communicate with a Crestron control system via an infiNET EX Wireless Gateway (model CEN-RFGW-EX, DIN-AP3MEX, or MC3[3]). 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.[2] Built-in Dynamic Frequency Allocation continuously monitors RF conditions, automatically selecting the clearest channel to prevent interference from neighboring networks, cordless phones, and microwaves.

Standard Wall Mount

Cameo Express Wireless Keypads are designed for installation in a standard electrical wall box and are powered by 120 or 230 Volts AC, making them perfect for installation in a multi-gang box alongside other line-powered devices. Available in a selection of three colors with "smooth" finishes, Cameo Express Wireless Keypads match perfectly with popular off-the-shelf decorator-style faceplates.

SPECIFICATIONS

Buttons

Keypad Buttons: Configurable for 2 to 8 single-action pushbuttons
Button Events: Programmable for Normal, Tap, Double-Tap, and Press and Hold
Button Caps: Includes (2) large, (3) medium, (5) small, and (2 pair) split small button caps;[4]
All button caps are blank; Custom-engraved button caps are available separately

LED Indicators

Feedback: (6) Green LEDs, one per each of 6 small button positions; Programmable, software-adjustable intensity, 10 blinking patterns
Bar Graph: (1) 6-segment bar graph display utilizing the 6 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[2]
Gateway: Requires an infiNET EX gateway[3]

Connections

LINE: (1) Captive screw terminal, line power input
NEUTRAL: (1) Captive screw terminal, neautral input
GROUND: (1) Captive screw terminal, ground

Power Requirements

LINE POWER
INET-CBDEX-E: 120 Volts AC, 50/60Hz
INET-CBDEX-230-E: 230 Volts AC, 50/60Hz

DC POWER
INET-CBDEX-E: 60 Volts DC[5]
INET-CBDEX-230-E: 60 Volts DC[5]

Environmental

Temperature: 32° to 113° F (0° to 45° C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 1 BTU/Hr

Construction

Chassis: Plastic
Mounting: Mounts in a 1-gang or larger electrical box
Faceplate: Requires a decorator-style faceplate (not included)

Dimensions

Height: 4.13 in (105 mm) without faceplate
Width: 1.75 in (45 mm) without faceplate
Depth: 1.87 in (48 mm)

Weight

2.3 oz (64 g)

MODELS & ACCESSORIES

Available Models

INET-CBDEX-E-A-S: Cameo® Express Wireless Keypad, infiNET EX®, 120V, Almond Smooth
INET-CBDEX-E-B-S: Cameo® Express Wireless Keypad, infiNET EX®, 120V, Black Smooth
INET-CBDEX-E-W-S: Cameo® Express Wireless Keypad, infiNET EX®, 120V, White Smooth
INET-CBDEX-230-E-A-S: Cameo® Express Wireless Keypad, infiNET EX®, 230V, Almond Smooth
INET-CBDEX-230-E-B-S: Cameo® Express Wireless Keypad, infiNET EX®, 230V, Black Smooth
INET-CBDEX-230-E-W-S: Cameo® Express Wireless Keypad, infiNET EX®, 230V, White Smooth

Available Accessories

CB2E-BTN: Large Engravable Button Cap for Cameo Express Keypads, [specify color]
CB3E-BTN: Medium Engravable Button Cap for Cameo Express Keypads, [specify color]

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CB6E-BTN: Small Engravable Button Cap for Cameo Express Keypads, [specify color]
CB6SE-BTN: Split Small Engravable Button Cap Pair for Cameo Express Keypads, [specify color]
CEN-RFGW-EX: infiNET EX® Wireless Gateway
CLW-EXPEX: infiNET EX® Wireless Expander
CCR-L-1: Crestron® Color Ring

Notes:

1. Custom engraving sold separately.
2. 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
3. Item(s) sold separately.
4. Split small buttons may be installed in the bottom two positions only.
5. Requires a SolaHD SDP™ 1-48-100T power supply.

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.

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

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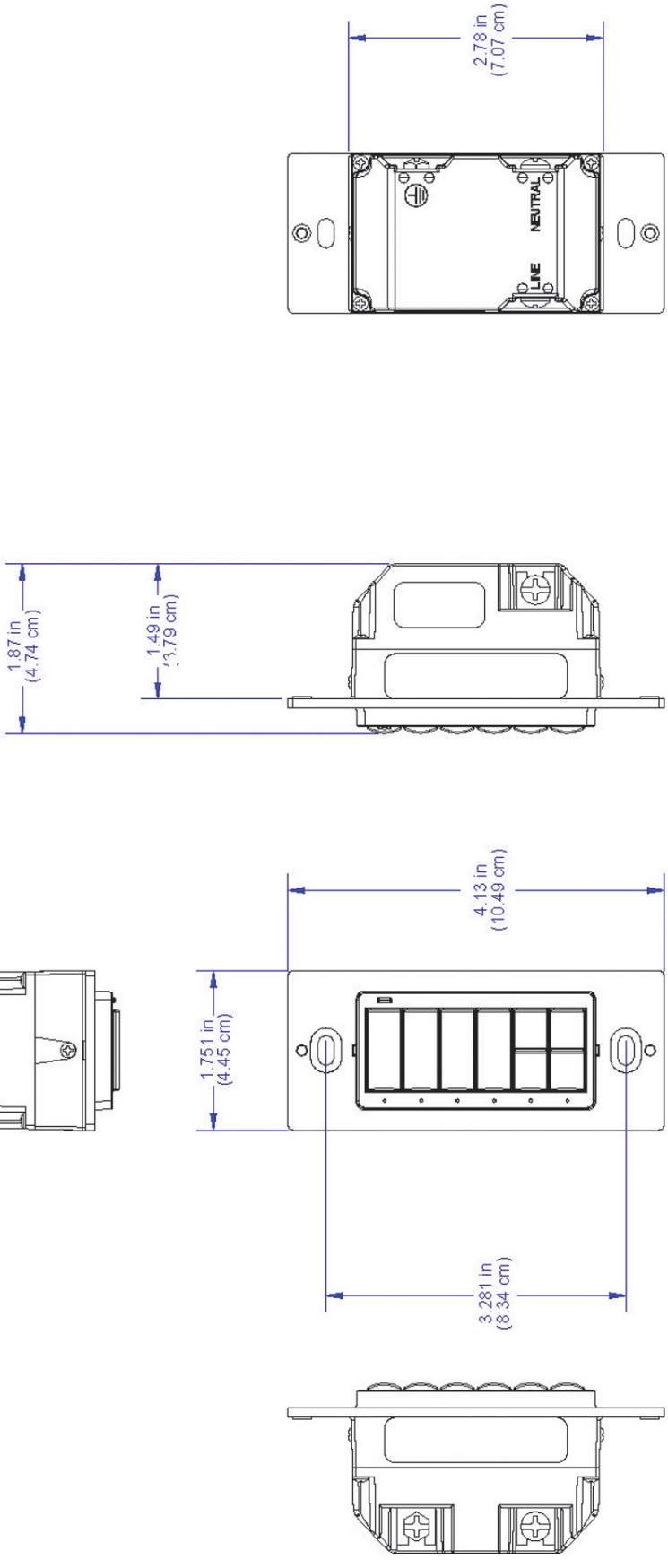

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Specifications subject to change without notice. Revised 07/13/15