

## Cameo® Wireless Keypad w/infiNET EX®



### infiNET EX

- > Stylish and versatile wall mount keypad
- > Standard electrical box installation
- > 12 color-matched smooth and textured 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<sup>(5)</sup>
- > "Button Events" enable tap, double-tap, and hold functionality
- > Customizable backlit button engraving<sup>(1)</sup>
- > White LED feedback indicators
- > Built-in LED blinking and bargraph logic
- > Auto-dimmable backlight and LED intensity
- > Ambient light sensor
- > Quick and easy installation
- > AC line powered
- > 120, 230, and 277 Volt models available
- > infiNET EX® 2-way RF wireless communications
- > EMerge Alliance® compatible

The Cameo® Wireless Keypad (INET-CBDEX-P) presents a fresh, innovative concept in keypad design, offering cutting edge wireless performance for 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-P 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 Wireless Keypads simply connect to the nearest AC power line (120, 230, or 277 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 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 backlit laser engraving to clearly designate each button's function.<sup>(1)</sup>

Through programming, each button can be configured to use "button events," affording up to three separate functions per button by tapping, double-tapping, or holding the button. "Shift key" functionality is even possible, allowing any button to be held while pressing another.

#### Auto-dimming Backlight

High-quality backlit laser-engraving<sup>(1)</sup> provides customizable button text that's easy to read under any lighting condition. A built-in light sensor controls the backlight intensity automatically to achieve a crisp, legible appearance in both darkened and fully lit rooms.



Actual colors may vary.

# INET-CBDEX-P Cameo® Wireless Keypad w/infiNET EX®

## Enhanced LED Feedback

Six pinhead-sized white 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 bargraph logic allows the feedback LEDs to function as a 6-segment bargraph display, providing clear level indication while adjusting lighting and audio settings. Auto-dimming LED intensity ensures optimal visibility under varying lighting conditions.

## Ambient Light Sensor

In addition to controlling the backlight and LED intensity, the built-in light sensor can also be utilized by the control system to support basic daylight harvesting and other programmatic functions.

## 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 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.

Cameo Wireless Keypads work together with other infiNET EX devices like our Cameo Wireless In-Wall [Dimmers](#) and [Switches](#), communicating with a Crestron control system via the [CEN-RFGW-EX](#) infiNET EX Wireless Gateway<sup>[2]</sup>. 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<sup>[3]</sup>. 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 Wireless Keypads are designed for installation in a standard electrical wall box and are powered by 120, 230, or 277 Volts AC, perfect for installation in a multi-gang box alongside other line-powered devices. Available in a selection of 12 "Smooth" and "Textured" finishes, Cameo Wireless Keypads match perfectly with popular off-the-shelf decorator-style faceplates.

## EMerge Alliance® Registered

This device is Emerge Alliance registered and designed to work within a 24VDC room-level power distribution system. The Emerge Alliance is a not-for-profit open industry association leading the rapid adoption of safe DC power distribution in commercial buildings through the development of Emerge Alliance standards<sup>[4]</sup>. Crestron is a proud member and supporter of the Alliance. For more information about Crestron Solutions for Emerge Alliance Applications visit: [www.crestron.com/emerge](http://www.crestron.com/emerge).



## SPECIFICATIONS

### Buttons

**Keypad Buttons:** Configurable for 2 to 8 single-action pushbuttons

**Button Events:** Programmable for Normal, Tap, Double-Tap, and Hold

**Button Caps:** Includes (2) large, (3) medium, (5) small, and (2 pair) split small button caps<sup>[5]</sup>. All button caps are blank. Custom backlit engraved button caps are available separately.

**Backlight:** White LED backlight for button engraving, software-adjustable intensity, auto-dimmable

### LED Indicators

**Feedback:** (6) White LEDs, one per each of 6 small button positions; Programmable, auto-dimmable, software-adjustable intensity, 10 blinking patterns

**Bargraph:** (1) 6-segment bargraph display utilizing the 6 feedback LEDs

### Light Sensor

Photosensor for control of auto-dimming function;

Can be configured to report ambient light level to control system

### 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>[3]</sup>

**Gateway:** Requires a CEN-RFGW-EX infiNET EX gateway<sup>[2]</sup>

### Connections

**LINE:** (1) Captive screw terminal, line power input

**NEUTRAL:** (1) Captive screw terminal

**GROUND:** (1) Captive screw terminal

### Power Requirements

#### LINE POWER

INET-CBDEX-P: 120 Volts AC, 50/60Hz

INET-CBDEX-230-P: 230 Volts AC, 50/60Hz

INET-CBDEX-277-P: 277 Volts AC, 50/60Hz

#### DC POWER

INET-CBDEX-P: 60 Volts DC<sup>[6]</sup>

INET-CBDEX-230-P: 60 Volts DC<sup>[6]</sup>

INET-CBDEX-277-P: 60 Volts DC<sup>[6]</sup>

### Environmental

**Temperature:** 32° to 113°F (0° to 45°C)

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

**Heat Dissipation:** 1 BTU/Hr

# INET-CBDEX-P Cameo® Wireless Keypad w/infiNET EX®

## Construction

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**Chassis:** Plastic

**Mounting:** Mounts in a 1-gang or larger electrical box

**Faceplate:** Requires a decorator style faceplate (not included)

## Dimensions

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**Height:** 4.13 in (105 mm) without faceplate

**Width:** 1.75 in (45 mm) without faceplate

**Depth:** 1.87 in (48 mm)

## Weight

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2.3 oz (64 g)

## MODELS & ACCESSORIES

### Available Models

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**INET-CBDEX-P-A-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, Almond Smooth

**INET-CBDEX-P-A-T:** Cameo® Wireless Keypad, infiNET EX®, 120V, Almond Textured

**INET-CBDEX-P-B-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, Black Smooth

**INET-CBDEX-P-B-T:** Cameo® Wireless Keypad, infiNET EX®, 120V, Black Textured

**INET-CBDEX-P-BRN-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, Brown Smooth

**INET-CBDEX-P-DA-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, Dark Almond Smooth

**INET-CBDEX-P-DSK-T:** Cameo® Wireless Keypad, infiNET EX®, 120V, Dusk Textured

**INET-CBDEX-P-GRY-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, Gray Smooth

**INET-CBDEX-P-IVR-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, Ivory Smooth

**INET-CBDEX-P-LAT-T:** Cameo® Wireless Keypad, infiNET EX®, 120V, Latte Textured

**INET-CBDEX-P-W-S:** Cameo® Wireless Keypad, infiNET EX®, 120V, White Smooth

**INET-CBDEX-P-W-T:** Cameo® Wireless Keypad, infiNET EX®, 120V, White Textured

**INET-CBDEX-230-P-A-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, Almond Smooth

**INET-CBDEX-230-P-A-T:** Cameo® Wireless Keypad, infiNET EX®, 230V, Almond Textured

**INET-CBDEX-230-P-B-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, Black Smooth

**INET-CBDEX-230-P-B-T:** Cameo® Wireless Keypad, infiNET EX®, 230V, Black Textured

**INET-CBDEX-230-P-BRN-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, Brown Smooth

**INET-CBDEX-230-P-DA-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, Dark Almond Smooth

**INET-CBDEX-230-P-DSK-T:** Cameo® Wireless Keypad, infiNET EX®, 230V, Dusk Textured

**INET-CBDEX-230-P-GRY-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, Gray Smooth

**INET-CBDEX-230-P-IVR-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, Ivory Smooth

**INET-CBDEX-230-P-LAT-T:** Cameo® Wireless Keypad, infiNET EX®, 230V, Latte Textured

**INET-CBDEX-230-P-W-S:** Cameo® Wireless Keypad, infiNET EX®, 230V, White Smooth

**INET-CBDEX-230-P-W-T:** Cameo® Wireless Keypad, infiNET EX®, 230V, White Textured

**INET-CBDEX-277-P-A-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, Almond Smooth

**INET-CBDEX-277-P-A-T:** Cameo® Wireless Keypad, infiNET EX®, 277V, Almond Textured

**INET-CBDEX-277-P-B-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, Black Smooth

**INET-CBDEX-277-P-B-T:** Cameo® Wireless Keypad, infiNET EX®, 277V, Black Textured

**INET-CBDEX-277-P-BRN-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, Brown Smooth

**INET-CBDEX-277-P-DA-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, Dark Almond Smooth

**INET-CBDEX-277-P-DSK-T:** Cameo® Wireless Keypad, infiNET EX®, 277V, Dusk Textured

**INET-CBDEX-277-P-GRY-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, Gray Smooth

**INET-CBDEX-277-P-IVR-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, Ivory Smooth

**INET-CBDEX-277-P-LAT-T:** Cameo® Wireless Keypad, infiNET EX®, 277V, Latte Textured

**INET-CBDEX-277-P-W-S:** Cameo® Wireless Keypad, infiNET EX®, 277V, White Smooth

**INET-CBDEX-277-P-W-T:** Cameo® Wireless Keypad, infiNET EX®, 277V, White Textured

### Available Accessories

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**CB2-BTN:** Large Backlit Engravable Button Cap for Cameo Keypads, [specify color]

**CB3-BTN:** Medium Backlit Engravable Button Cap for Cameo Keypads, [specify color]

**CB6-BTN:** Small Backlit Engravable Button Cap for Cameo Keypads, [specify color]

**CB6S-BTN:** Split Small Backlit Engravable Button Cap Pair for Cameo 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. Item(s) sold separately.
3. Any infiNET EX mesh network device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered

# INET-CBDEX-P Cameo® Wireless Keypad w/infiNET EX®

infiNET EX devices do not provide expander functionality. A dedicated infiNET EX Wireless Expander, model [CLW-EXPEX](#) is also available.

- Information regarding the EMerge Alliance can be found at [www.emergealliance.org](http://www.emergealliance.org)
- Split small buttons may be installed in the bottom two positions only.
- 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](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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