

# Cameo® Keypad, Standard Mount



- > Stylish and versatile wall-mount keypad
- > Standard electrical box installation
- > 12 color-matched smooth and textured finishes
- > Ascent® solid metal faceplates available separately<sup>[2]</sup>
- > 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>[3]</sup>
- > "Button Events" enable tap, double-tap, and press and hold functionality
- > Customizable backlit button engraving<sup>[1]</sup>
- > White LED feedback indicators
- > Built-in LED blinking and bar graph logic
- > Auto-dimmable backlight and LED intensity
- > Ambient light sensor
- > Dual digital/analog input ports for external sensors
- > Quick and easy installation
- > Cresnet® wired communications

The Cameo® Standard Mount Keypad (C2N-CBD-P) from Crestron® presents a fresh, innovative concept in keypad design, featuring a highly configurable one-gang wall mount form factor that is at once inviting to the touch and appealing to the eye. The C2N-CBD-P easily installs alongside other low-voltage in-wall devices to deliver an advanced custom keypad control solution as part of a complete Crestron control system.

## Customizable Buttons

Exquisitely simple yet highly customizable, a single Cameo 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 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.

## 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 crisp, legible text in both darkened and fully lit rooms.



Actual colors may vary.

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## 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 Cresnet® 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. 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.

## Control Ports

Dual digital/analog input ports onboard the C2N-CBD-P provide a local interface for a range of devices including the Crestron [GLS Series](#) Occupancy Sensors and Photosensors or any device providing a contact closure, DC logic, or 0-10 Volts DC analog voltage. Using the control ports, it's possible to add monitoring of room occupancy, ambient light level, door closures, and other conditions without having to home run extra wiring to the central equipment location.

## Cresnet

The Cresnet bus is the communications backbone for many Crestron keypads, lighting controllers, shade motors, sensors, and other devices. Cresnet is a simple, yet flexible 4-wire network that provides bidirectional communication and 24VDC power for Cresnet devices. Cresnet supports up to 252 keypads and other devices.

## Standard Wall Mount

Cameo Standard Mount Keypads are designed for installation in a standard electrical wall box, making them perfect for installation in a multi-gang box alongside other low-voltage devices. Available in a selection of 12 colors with "smooth" or "textured" finishes, Cameo Keypads match perfectly with popular off-the-shelf decorator-style faceplates.

## Ascent® Metal Faceplates

For the ultimate in style and elegance, Crestron offers the Ascent collection of solid metal faceplates ([CBD-FP-ASCENT<sup>\(2\)</sup>](#)), providing Cameo keypads with a contemporary appearance in a range of luxurious designer finishes.

## SPECIFICATIONS

### Buttons

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**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;<sup>(3)</sup>

All button caps are blank; Custom-engraved, backlit button caps are available separately

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

### LED Indicators

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

**Bar Graph:** (1) 6-segment bar graph display utilizing the 6 feedback LEDs

### Light Sensor

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Photosensor for control of auto-dimming function;

Can be configured to report ambient light level to control system

### Connectors

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**NET:** 4-pin 3.5mm detachable terminal block;  
Cresnet® slave port, connects to Cresnet control network

**INPUT 1 – 2:** (1) 3-pin 3.5mm detachable terminal block comprising (2) digital/analog input ports (referenced to GND);

Digital Input: Rated for 0-24 Volts DC, input impedance 200k Ohms, logic threshold 1.24 Volts DC;

Analog Input: Rated for 0-10 Volts DC, protected to 24 Volts DC maximum, input impedance 200k Ohms;

Programmable 5 Volts, 2k Ohms pull-up resistor per pin

### Power Requirements

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**Cresnet Power Usage:** 1 Watt (0.05 Amps at 24 Volts DC)

### Environmental

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

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

**Heat Dissipation:** 3.4 BTU/Hr

### Construction

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**Chassis:** Plastic

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

**Faceplates:** Requires a decorator style faceplate (not included) or Crestron CBD-FP-ASCENT series faceplate<sup>(2)</sup>

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## Dimensions

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

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

**Depth:** 1.19 in (31 mm) without connector

## Weight

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2.3 oz (64 g)

## MODELS & ACCESSORIES

### Available Models

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**C2N-CBD-P-A-S:** Cameo® Keypad, Standard Mount, Almond Smooth

**C2N-CBD-P-A-T:** Cameo® Keypad, Standard Mount, Almond Textured

**C2N-CBD-P-B-S:** Cameo® Keypad, Standard Mount, Black Smooth

**C2N-CBD-P-B-T:** Cameo® Keypad, Standard Mount, Black Textured

**C2N-CBD-P-BRN-S:** Cameo® Keypad, Standard Mount, Brown Smooth

**C2N-CBD-P-DA-S:** Cameo® Keypad, Standard Mount, Dark Almond Smooth

**C2N-CBD-P-DSK-T:** Cameo® Keypad, Standard Mount, Dusk Textured

**C2N-CBD-P-GRY-S:** Cameo® Keypad, Standard Mount, Gray Smooth

**C2N-CBD-P-IVR-S:** Cameo® Keypad, Standard Mount, Ivory Smooth

**C2N-CBD-P-LAT-T:** Cameo® Keypad, Standard Mount, Latte Textured

**C2N-CBD-P-W-S:** Cameo® Keypad, Standard Mount, White Smooth

**C2N-CBD-P-W-T:** Cameo® Keypad, Standard Mount, 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]

**CBD-FP-ASCENT:** Ascent® Solid Metal Faceplate for Cameo® Keypad, Standard Mount [specify button layout and finish]

**CCR-L-1:** Crestron® Color Ring

**CCR-FP-ASCENT-1:** Ascent® Color Ring

**CRESNET-HP-NP:** Cresnet® “High-Power” Control Cable, non-plenum

**CRESNET-NP:** Cresnet® Control Cable, non-plenum

**CRESNET-P:** Cresnet® Control Cable, plenum

### Notes:

1. Custom engraving sold separately.
2. Item(s) sold separately.
3. Split small buttons may be installed in the bottom two positions only.

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).

Some Crestron products contain open source software. For specific information, visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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