

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⁽²⁾
- > 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 hold functionality
- > Customizable backlit button engraving⁽¹⁾
- > White LED feedback indicators
- > Built-in LED blinking and bargraph 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
- > EMerge Alliance® compatible

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.⁽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 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⁽¹⁾ 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.

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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 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.

Control Ports

Dual digital/analog input ports onboard the C2N-CBD-P provide a local interface for a range of devices including Crestron GLS Occupancy Sensors and Photocells, or any device providing a contact closure, DC logic, or 0-10VDC 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®

Reliable wired connectivity is afforded via the Cresnet network, utilizing a simple 4-conductor interface carrying 24 Volt DC power and bidirectional communications between the Cameo keypad and Crestron control system. 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, perfect for installation in a multi-gang box alongside other low-voltage devices. Available in a selection of 12 "Smooth" and "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^[2]), providing Cameo keypads with a contemporary appearance in a range of luxurious designer finishes.

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^[3]. 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.



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^[4]. 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

Connectors

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

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

Environmental

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

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

Heat Dissipation: 3.4 BTU/Hr

Construction

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^[2]

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Dimensions

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

2.3 oz (64 g)

MODELS & ACCESSORIES

Available Models

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

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. Information regarding the EMerge Alliance can be found at www.emergealliance.org
4. 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 or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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