C2N-CBD-P

Cameo® Keypad, Standard Mount

- *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*
- *Button events enable tap, double-tap, and hold functionality*
- *Customizable backlit button engraving*
- *White LED feedback indicators*
- *Built-in LED flashing 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*

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. 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

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 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[1] to clearly designate each button's function.

Through programming, each button can be configured for up to three separate functions. In addition, shift key functionality is possible, allowing any button to be held while pressing another to provide further customization for the keypad.

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

Enhanced LED Feedback

Six pinhead-sized white LEDs provide fully customizable feedback to show the status of each button. Ten flash patterns are built in, enabling flashing 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 when adjusting lighting and audio settings. Auto-dimming LED intensity ensures optimal visibility under varying lighting conditions.

Almond smooth/textured | Black smooth/textured | White smooth/textured | Gray smooth | Ivory smooth | Dark Almond smooth | Brown smooth | Latte textured | Dusk textured

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

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

Two 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 VDC. 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® Wired Communications

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 24 VDC 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 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;[2] 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

Feedback	(6) White LEDs, one per each of 6 small button positions; Programmable, auto-dimmable, software-adjustable intensity, 10 flashing patterns
Bar Graph	(1) 6-segment bar graph 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 VDC, input impedance 200k Ohms, logic threshold 1.24 VDC; Analog Input: Rated for 0-10 VDC, protected to 24 VDC maximum, input impedance 200k Ohms; Programmable 5 V, 2k Ohms pull-up resistor per pin

Power Requirements

Cresnet Power Usage	1 W (0.05 A @ 24 VDC)

CRESTRON®

Cameo® Keypad, Standard Mount

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[1]

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

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-T
Cameo® Keypad, Standard Mount, Black Textured

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

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-T
Cameo® Keypad, Standard Mount, White Textured

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

C2N-CBD-P-RED-S
Cameo® Keypad, Standard Mount, Red Smooth

Available Accessories

CB2-BTNA-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Almond Smooth, Includes Custom Engraving

CB2-BTNA-T_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Almond Textured, Includes Custom Engraving

CB2-BTNBRN-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Brown Smooth, Includes Custom Engraving

CB2-BTNB-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Black Smooth, Includes Custom Engraving

CB2-BTNB-T_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Black Textured, Includes Custom Engraving

CB2-BTNDA-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Dark Almond Smooth, Includes Custom Engraving

CB2-BTNDSK-T_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Dusk Textured, Includes Custom Engraving

CB2-BTNGRY-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Gray Smooth, Includes Custom Engraving

CB2-BTNIVR-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Ivory Smooth, Includes Custom Engraving

CB2-BTNLAT-T_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Latte Textured, Includes Custom Engraving

CB2-BTNRED-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, Red Smooth, Includes Custom Engraving

CB2-BTNW-S_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, White Smooth, Includes Custom Engraving

CB2-BTNW-T_ENGRAVED
Large Backlit Engravable Button Cap for Cameo Keypads, White Textured, Includes Custom Engraving

CB3-BTNA-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Almond Smooth, Includes Custom Engraving

CB3-BTNA-T_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Almond Textured, Includes Custom Engraving

CB3-BTNBRN-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Brown Smooth, Includes Custom Engraving

CB3-BTNB-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Black Smooth, Includes Custom Engraving

CB3-BTNB-T_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Black Textured, Includes Custom Engraving

CB3-BTNDA-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Dark Almond Smooth, Includes Custom Engraving

CB3-BTNDSK-T_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Dusk Textured, Includes Custom Engraving

CB3-BTNGRY-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Gray Smooth, Includes Custom Engraving

CB3-BTNIVR-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Ivory Smooth, Includes Custom Engraving

CB3-BTNLAT-T_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Latte Textured, Includes Custom Engraving

CB3-BTNRED-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, Red Smooth, Includes Custom Engraving

CB3-BTNW-S_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, White Smooth, Includes Custom Engraving

CB3-BTNW-T_ENGRAVED
Medium Backlit Engravable Button Cap for Cameo Keypads, White Textured, Includes Custom Engraving

CB6-BTNA-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Almond Smooth, Includes Custom Engraving

CB6-BTNA-T_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Almond Textured, Includes Custom Engraving

CB6-BTNBRN-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Brown Smooth, Includes Custom Engraving

CB6-BTNB-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Black Smooth, Includes Custom Engraving

CB6-BTNB-T_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Black Textured, Includes Custom Engraving

CB6-BTNDA-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Dark Almond Smooth, Includes Custom Engraving

CB6-BTNDSK-T_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Dusk Textured, Includes Custom Engraving

CB6-BTNGRY-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Gray Smooth, Includes Custom Engraving

CB6-BTNIVR-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Ivory Smooth, Includes Custom Engraving

CB6-BTNLAT-T_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Latte Textured, Includes Custom Engraving

CB6-BTNRED-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, Red Smooth, Includes Custom Engraving

CB6-BTNW-S_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, White Smooth, Includes Custom Engraving

CB6-BTNW-T_ENGRAVED
Small Backlit Engravable Button Cap for Cameo Keypads, White Textured, Includes Custom Engraving

CB6S-BTNA-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Almond Smooth, Includes Custom Engraving

CB6S-BTNA-T_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Almond Textured, Includes Custom Engraving

CB6S-BTNBRN-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Brown Smooth, Includes Custom Engraving

CB6S-BTNB-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Black Smooth, Includes Custom Engraving

CB6S-BTNB-T_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Black Textured, Includes Custom Engraving

CB6S-BTNDA-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Dark Almond Smooth, Includes Custom Engraving

CB6S-BTNDSK-T_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Dusk Textured, Includes Custom Engraving

CB6S-BTNGRY-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Gray Smooth, Includes Custom Engraving

CB6S-BTNIVR-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Ivory Smooth, Includes Custom Engraving

CB6S-BTNLAT-T_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Latte Textured, Includes Custom Engraving

CB6S-BTNRED-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, Red Smooth, Includes Custom Engraving

CB6S-BTNW-S_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, White Smooth, Includes Custom Engraving

CB6S-BTNW-T_ENGRAVED
Split Small Backlit Engravable Button Cap Pair for Cameo Keypads, White Textured, Includes Custom Engraving

CCR-L-1
Crestron® Color Ring

CRESNET-HP-NP-TL-SP1000
Cresnet® "High-Power" Control Cable, Non-Plenum, Teal, 1000 ft (304 m) spool

CRESNET-NP-TL-SP1000
Cresnet® Control Cable, Non-Plenum, Teal, 1000 ft (304 m) spool

FP-G1-A-S
Decorator Style Faceplate, 1-Gang, Almond Smooth

FP-G1-A-T
Decorator Style Faceplate, 1-Gang, Almond Textured

FP-G1-BRN-S
Decorator Style Faceplate, 1-Gang, Brown Smooth

FP-G1-B-S
Decorator Style Faceplate, 1-Gang, Black Smooth

FP-G1-B-T
Decorator Style Faceplate, 1-Gang, Black Textured

FP-G1-DA-S
Decorator Style Faceplate, 1-Gang, Dark Almond Smooth

FP-G1-DSK-T
Decorator Style Faceplate, 1-Gang, Dusk Textured

FP-G1-GRY-S
Decorator Style Faceplate, 1-Gang, Gray Smooth

FP-G1-IVR-S
Decorator Style Faceplate, 1-Gang, Ivory Smooth

FP-G1-LAT-T
Decorator Style Faceplate, 1-Gang, Latte Textured

FP-G1-RED-S
Decorator Style Faceplate, 1-Gang, Red Smooth

FP-G1-W-S
Decorator Style Faceplate, 1-Gang, White Smooth

FP-G1-W-T
Decorator Style Faceplate, 1-Gang, White Textured

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

1.75 in
(4.45 cm)

3.28 in
(8.33 cm)

4.13 in
(10.49 cm)

3.81 in
(9.68 cm)

0.88 in
(2.24 cm)

1.19 in
(3.03 cm)

2.79 in
(7.09 cm)

0.81 in
(2.06 cm)

24 Y Z G
-NET-

1 Z G
INPUT

2.78 in
(7.06 cm)

CRESTRON®