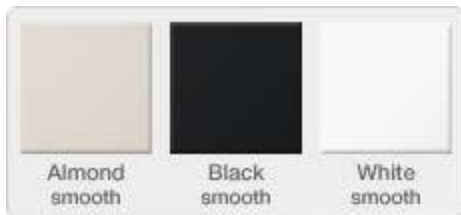# C2N-CBD-E

Cameo® Express Keypad, Standard Mount

- *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*
- *Button events enable tap, double-tap, and hold functionality*
- *Customizable button engraving*
- *Green LED feedback indicators*
- *Built-in LED flashing and bargraph logic*
- *Adjustable LED intensity*
- *Quick and easy installation*
- *Cresnet® wired communications*

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

The Cameo® Express Standard Mount Keypad (C2N-CBD-E) from Crestron® presents a very cost-effective keypad solution, featuring a highly configurable one-gang wall mount form factor. The C2N-CBD-E easily installs alongside other low-voltage in-wall devices to deliver a fully customizable keypad control solution as part of a complete Crestron control system.

Customizable Buttons

Simple yet highly customizable, a single Cameo Express 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 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.

Enhanced LED Feedback

Six pinhead-sized green 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.

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 Express 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 three colors with smooth finishes, Cameo Express 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

LED Indicators

Feedback	(6) Green 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

Connectors

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

Power Requirements

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

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	Plastic bezel included

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-E-A-S
Cameo® Keypad, Standard Mount, Almond Smooth

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

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

Available Accessories

CB2E-BTNA-S_ENGRAVED
Large Engravable Button Cap for Cameo Express Keypads, Almond Smooth, Includes Custom Engraving

CB2E-BTNB-S_ENGRAVED
Large Engravable Button Cap for Cameo Express Keypads, Black Smooth, Includes Custom Engraving

CB2E-BTNW-S_ENGRAVED
Large Engravable Button Cap for Cameo Express Keypads, White Smooth, Includes Custom Engraving

CB3E-BTNA-S_ENGRAVED
Medium Engravable Button Cap for Cameo Express Keypads, Almond Smooth, Includes Custom Engraving

CB3E-BTNB-S_ENGRAVED
Medium Engravable Button Cap for Cameo Express Keypads, Black Smooth, Includes Custom Engraving

CB3E-BTNW-S_ENGRAVED
Medium Engravable Button Cap for Cameo Express Keypads, White Smooth, Includes Custom Engraving

CB6E-BTNA-S_ENGRAVED
Small Engravable Button Cap for Cameo Express Keypads, Almond Smooth, Includes Custom Engraving

CB6E-BTNB-S_ENGRAVED
Small Engravable Button Cap for Cameo Express Keypads, Black Smooth, Includes Custom Engraving

CB6E-BTNW-S_ENGRAVED
Small Engravable Button Cap for Cameo Express Keypads, White Smooth, Includes Custom Engraving

CB6SE-BTNA-S_ENGRAVED
Split Small Engravable Button Cap Pair for Cameo Express Keypads, Almond Smooth, Includes Custom Engraving

CB6SE-BTNB-S_ENGRAVED
Split Small Engravable Button Cap Pair for Cameo Express Keypads, Black Smooth, Includes Custom Engraving

CB6SE-BTNW-S_ENGRAVED
Split Small Engravable Button Cap Pair for Cameo Express Keypads, White Smooth, 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-B-S
Decorator Style Faceplate, 1-Gang, Black Smooth

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

Notes:

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

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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

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

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