

Cameo® Keypad - International Version

- > Stylish and versatile wall mount keypad
- > Single-gang UK/European electrical box installation
- > Available in textured almond, black, or white
- > Architectural Series faceplate options available
- > Variable pushbutton combinations
- > Optional backlit button engraving^[1]
- > Programmable "button events" enable multiple functions per button
- > White LED feedback indicators
- > Built-in LED blinking and bar graph logic
- > Auto-brightness control for backlight and LED intensity
- > 2 contact closure inputs
- > Fully programmable via a Crestron® control system
- > Crestron Pynq® and 3-Series® compatible
- > Cresnet® control system interface

The Crestron® Cameo® International Keypad (C2NI-CB series) offers an attractive, customizable wall mount keypad for use in controlling lighting, shades, AV, and other functions in any residential or commercial application. It installs in a single-gang European or UK electrical box, and is available in a choice of almond, black, or white textured finishes. Its pushbuttons are configurable using a selection of button sizes with optional backlit engraving, and auto-brightness control maintains clear legibility of the buttons under varying lighting condition. White LED indicators provide true feedback of system settings and status. The C2NI-CB integrates with a [Crestron control system](#) or [Crestron Pynq®](#) system through a wired Cresnet® connection.

Customizable Buttons

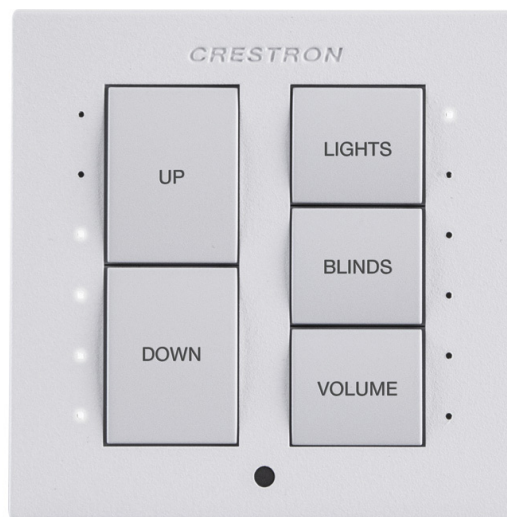
Exquisitely simple yet highly customizable, the C2NI-CB keypad can be configured easily by the installer to provide the precise control functionality required by the end customer. Its two columns of buttons are each independently configurable using one of three furnished button strips as follows:

- Set of two large buttons
- Set of three medium buttons
- Set of one medium and four small buttons

Smoothly rounded button faces and refined pushbutton action return an affirming tactile response with each button press. Simply press a button to select a lighting scene, raise the window shades, or turn up the music. More advanced capabilities are available using "Button Events," allowing different actions to be triggered depending on whether you tap, double-tap, or hold the button. "Shift key" functionality is also possible, allowing extra functions to be accessed by holding one key while tapping another. Whatever the need, the C2NI-CB keypad can be as simple or go as deep as you want.

Backlit Button Engraving

Pushbuttons can be ordered with custom engraving, allowing each button to be clearly labeled according to its function. The button engraving is backlit



Shown in white with two large and three medium buttons, custom engraving sold separately

to facilitate use in a darkened room. High quality laser etched engraving is available from Crestron by ordering a replacement set of button strips in the sizes desired.^[1]

Enhanced LED Feedback

Each button position is accompanied by a white LED indicator, which may be configured to confirm a button press, indicate the current selected lighting scene, or display the active state of a controlled device. "True feedback" response allows each LED to show you the actual status of your systems and equipment, so you'll know which lighting scene is selected, or if a ceiling fan is turned on, or even if the front door is locked and the security system is armed. A selection of blink patterns can be assigned to indicate various conditions or to signal an alert. Bargraph capability can be enabled using all six LEDs on either side to indicate the dimming level, shade position, or audio volume as you adjust them.

Auto-Brightness Control

To ensure optimal visibility under varying lighting conditions, the button backlighting and indicator intensity adjusts automatically between two settings according to the amount of ambient light in the room. Day or night, in bright sunlight or complete darkness, you'll always be able to find the button you need.

Cresnet® Communications

Cameo International keypads communicate with a Crestron control system via Cresnet, a simple 4-wire network bus that provides bidirectional data communication and 24 VDC power to each keypad in the system.

Contact Closure Inputs

Two sensing inputs are included on the rear of the keypad to provide a simple and convenient interface for low-voltage contact-closure devices such as door switches and motion detectors.

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SPECIFICATIONS

Buttons & Indicators

Keypad Buttons: Two columns, each column accommodates one button strip; button strips are furnished with a choice of two large buttons, three medium buttons, or one medium and four small buttons; all buttons are blank (no engraving^[1]), replacement button strips are available separately (with or without custom backlit laser-etched engraving^[1]); each button is programmable for any system function and supports tap, double-tap, and press-and-hold button events

Button Backlighting: White LED backlighting illuminates behind the button engraving with manual or automatic day/night brightness adjustment

Feedback Indicators: (12) White LEDs (one per possible button position) with manual or automatic day/night brightness adjustment, programmable for any system function with ten assignable blink patterns and dual 6-segment bargraph capability

Light Sensor

Photosensor detects the ambient light level to enable auto-brightness control, adjustable day/night threshold and intensity settings, also reports ambient light level to the control system

Communications

Cresnet: Cresnet slave mode

Connectors

INPUT 1 – 2: (3) Captive screw terminals;
Comprises (2) dry contact closure sensing inputs

NET: (4) Captive screw terminals;
Cresnet slave port, connects to a Cresnet control network

Power

Cresnet Power Usage: 0.5 Watt (0.02 Amps @ 24 Volts DC)

Environmental

Temperature: 0° to 45° C (32° to 113° F)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 1.7 BTU/hour

Construction

Keypad: Plastic with metal mounting plate; textured white, almond, or black finish

Faceplate/Bezel: Plastic faceplate included, color-matched to keypad; Architectural Series faceplates ([C2NI/INETI-FP series](#)) available separately

Mounting: Mounts in a 1-Gang UK (BS 4662) electrical box, 1-Gang European (DIN 49073) electrical box, or 51 x 51 mm (2 x 2 inch) cutout

Dimensions

Height: 87 mm (3.42 in) including bezel

Width: 87 mm (3.42 in) including bezel

Depth: 38 mm (1.49 in)

Weight

149 g (5.21 oz)

Compliance

CE

MODELS & ACCESSORIES

Available Models

C2NI-CB-A-T: Cameo® Keypad - International Version, Almond Textured

C2NI-CB-B-T: Cameo® Keypad - International Version, Black Textured

C2NI-CB-W-T: Cameo® Keypad - International Version, White Textured

Included Accessories

CBI2-BTNx-T BLANK Series: Set of (2) Large Backlit Engravable Buttons, Engraving Not Included (Qty. 2 included)

CBI3-BTNx-T BLANK Series: Set of (3) Medium Backlit Engravable Buttons, Engraving Not Included (Qty. 2 included)

CBI5-BTNLx-T BLANK Series: Set of (4) Small & (1) Medium Backlit Engravable Buttons, Left Side, Engraving Not Included (Qty. 1 included)

CBI5-BTNRx-T BLANK Series: Set of (4) Small & (1) Medium Backlit Engravable Buttons, Right Side, Engraving Not Included (Qty. 1 included)

Available Accessories

CBI2-BTNx-T Series: Set of (2) Large Backlit Engravable Buttons, Available With or Without Custom Engraving

CBI3-BTNx-T Series: Set of (3) Medium Backlit Engravable Buttons, Available With or Without Custom Engraving

CBI5-BTNLx-T Series: Set of (4) Small & (1) Medium Backlit Engravable Buttons, Left Side, Available With or Without Custom Engraving

CBI5-BTNRx-T Series: Set of (4) Small & (1) Medium Backlit Engravable Buttons, Right Side, Available With or Without Custom Engraving

C2NI/INETI-FPx-T-S/STEEL Series: Architectural Faceplate, Available Black or White Textured w/Stainless Steel Inlay

CRESNET-NP Series: Cresnet® Control Cable, Non-Plenum

CRESNET-P Series: Cresnet® Control Cable, Plenum-Rated

Notes:

1. Button engraving is sold separately, or may be provided by a third party. Two button strips are required. Refer to the Accessories section for available options.

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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 <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover this and other Crestron products are listed online at <https://www.crestron.com/legal/patents>.

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

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