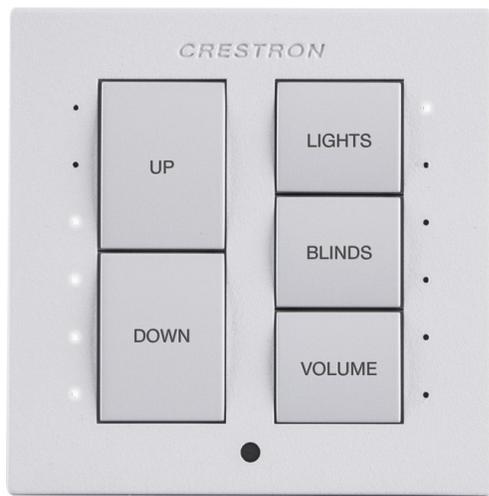


# Cameo® Keypad - International Version



- Stylish and versatile wall mount keypad
- Single-gang UK/European electrical box installation
- Available in textured almond, black, and white
- Architectural Series faceplate options available
- Variable pushbutton combinations
- Optional backlit button engraving (sold separately)
- LED feedback indicators with built-in flashing and bargraph logic
- Auto-brightness control for backlight and LED intensity
- 2 contact closure inputs
- Cresnet® wired communications
- Programmable functionality using a Crestron® [Control System](#)
- Crestron Home® OS compatible

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 residential or commercial applications. It installs in a single-gang European or UK electrical box, and is available in a choice of almond, black, or white textured finishes. The C2NI-CB integrates with a Crestron control system or Crestron Home® system through a wired Cresnet® connection.

## Customizable Buttons

The C2NI-CB keypad can be configured by the installer to provide the precise control functionality required by the end customer. The two button column layouts are each independently configurable by installing one of three included furnished button strip sets:

- Two large buttons
- Three medium buttons
- One medium and four small buttons

More advanced capabilities are available by programming button events, allowing different actions to be triggered when a button is tapped, double-tapped, held, or a button is held while tapping another.

## Backlit Button Engraving

Pushbuttons can be ordered with custom engraving (sold separately), allowing each button to be clearly labeled according to its function. The button engraving is backlit to facilitate use in a darkened room. Laser etched engraving is available from Crestron by ordering a replacement set of button strips in the desired sizes.

## 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 status of a controlled device. A selection of flash 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 dimming levels, shade positions, or audio levels.

## Auto-Brightness Control

To ensure optimal visibility under varying lighting conditions, the button backlighting and indicator intensity adjusts automatically between two settings depending on the amount of ambient light in the room.

## Cresnet® Wired Communications

Cameo International keypads communicate with a Crestron control system via Cresnet, a 4-wire network bus that provides bidirectional data communication and 24VDC 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.

## Specifications

### Power Requirements

<b>Cresnet Power Usage</b>	0.5 W (0.02 A @ 24VDC)
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### Controls and Indicators

<b>Button Backlighting</b>	White LED backlighting illuminates behind the button engraving with manual or automatic day/night brightness adjustment
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**Keypad Buttons** (2) Columns, each accommodating (1) button strip; Button strips available with a choice of two large buttons, three medium buttons, or one medium and four small buttons; Programmable for system functions via tap, double-tap, or press-and-hold events Included button strips are blank (replacement strips and engraving sold separately)

**Feedback Indicators** (12) White LEDs (one per possible button position); Manual or automatic day/night brightness adjustment; Programmable for any system function with ten assignable flash patterns and dual six-segment bargraph capability

### Light Sensor

Photosensor detects the ambient light level to enable auto-brightness control, adjustable day/night threshold and intensity settings. Light level readings can be reported to the control system.

### Communications

**Cresnet** Cresnet secondary mode

### Connections

**INPUT** (2) 3-pin 3.5 mm detachable terminal blocks; Comprises (2) dry contact closure sensing inputs

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

### Environmental

**Temperature** 0° to 45°C (32° to 113°F)  
**Humidity** 10% to 90% RH (noncondensing)  
**Heat Dissipation** 1.7 BTU/hr

### 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 in.) 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

**Regulatory Model: M202248002**

CE, Intertek® listed for US and Canada

To search for product certificates, refer to [support.crestron.com/app/certificates](https://support.crestron.com/app/certificates).

### 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

Color of the included accessories will match the color of the ordered keypad.

#### CBI2-BTN[W/A/B]-T\_BLANK

Set of (2) Large Backlit Engravable Button Caps for Cameo® International Keypad, Engraving Not Included (Qty. 2 included)

#### CBI3-BTN[W/A/B]-T\_BLANK

Set of (3) Medium Backlit Engravable Button Caps for Cameo® International Keypad, Engraving Not Included (Qty. 2 included)

#### CBI5-BTNL[W/A/B]-T\_BLANK

Set of (4) Small and (1) Medium Backlit Engravable Button Caps for Cameo® International Keypad, Left Side, Engraving Not Included (Qty. 1 included)

#### CBI5-BTNR[W/A/B]-T\_BLANK

Set of (4) Small and (1) Medium Backlit Engravable Button Caps for Cameo® International Keypad, Right Side, Engraving Not Included (Qty. 1 included)

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## Available Accessories

For a list of available accessories, visit the [C2NI-CB](#) product page.

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](http://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](http://www.crestron.com/contact/our-locations) for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at [www.crestron.com/warranty](http://www.crestron.com/warranty).

The specific patents that cover Crestron products are listed online at [www.crestron.com/legal/patents](http://www.crestron.com/legal/patents).

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

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