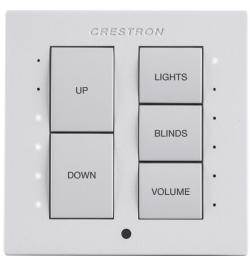## Cameo® Keypad - International Version

- *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 bar graph 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

Cresnet Power Usage	0.5 W (0.02 A @ 24VDC)

Controls and Indicators

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

Cameo® Keypad - International Version

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.

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)

Available Accessories

For a list of available accessories, visit the C2NI-CB product page.

Cameo® Keypad - International Version

87 mm
(3.42 in.)

87 mm
(3.42 in.)

61 mm
(2.37 in.)

51 mm
(2.00 in.)

INPUT
1
2
G
24
-NET-
Y
Z
G

51 mm
(2.00 in.)

38 mm
(1.49 in.)

24 mm
(0.94 in.)

CRESTRON