

Cameo® Keypad, Vimar™ Mount

- > Stylish and versatile wall mount keypad
- > Fits Vimar™ brand mounting boxes, frames, and cover plates
- > Versatile combinations of up to 8 pushbuttons⁽¹⁾
- > Installer-configurable with choice of 4 button sizes⁽¹⁾
- > “Split” buttons for “up/down” and “on/off” functions⁽²⁾
- > “Button Events” enable tap, double-tap, and hold functionality
- > Customizable backlit button engraving⁽¹⁾
- > White LED feedback indicators
- > Built-in LED blinking 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
- > Available in white and black textured finishes
- > EMerge Alliance® compatible



Black and white shown
(Vimar cover plates
not included)

Specially designed for use with Vimar™ brand mounting boxes, frames, and cover plates, the Cameo® C2N-CBV-P keypad offers a custom control solution for yachts and other installations.

Vimar™ Mounting

The C2N-CBV-P keypads are designed to fit Vimar brand mounting boxes, frames, and cover plates. Italian manufacturer Vimar offers a range of designer faceplates and mounting solutions that are popular for use in the marine market. Whether on a yacht or in a home or business on land, the C2N-CBV-P facilitates customizable control of lighting, audio, video, and other systems as part of a complete Crestron® system.

Customizable Buttons

The C2N-CBV-P can be configured easily by the installer to provide up to eight buttons. Each C2N-CBV-P is furnished with five “small” button caps, plus two pairs of “split” button caps. The split buttons can be installed in either of the last two positions. “Medium” and “large” button caps are also available separately. All button sizes may be ordered with custom backlit engraving.⁽¹⁾

Through programming, each button can be configured to use “button events,” affording up to three separate functions per button by tapping, double-tapping, or holding the button. “Shift key” functionality is even possible, allowing any button to be held while pressing another.

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 a crisp, legible appearance in both darkened and fully lit rooms.

Enhanced LED Feedback

Six pinhead-sized white LEDs afford fully customizable feedback to show the status of each button. Ten blink patterns are built in, enabling blinking LED feedback with simplified programming and reduced traffic on the Cresnet® network. Onboard bargraph logic allows the feedback LEDs to function as a 6-segment bargraph display, providing clear level indication while adjusting lighting and audio settings. Auto-dimming LED intensity ensures optimal visibility under varying lighting conditions.

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

Dual digital/analog input ports onboard the C2N-CBV-P provide a local interface for a range of devices including Crestron [GLS](#) Occupancy Sensors and Photocells, or any device providing a contact closure, DC logic, or 0-10VDC analog voltage. 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®

Reliable wired connectivity is afforded via the Cresnet network, utilizing a simple 4-conductor interface carrying 24 Volt DC power and bidirectional communications between the Cameo keypad and Crestron control system. Cresnet supports up to 252 keypads and other devices.

C2N-CBV-P Cameo® Keypad, Vimar™ Mount

EMerge Alliance® Registered

This device is EMerge Alliance registered and designed to work within a 24 VDC room-level power distribution system. The EMerge Alliance is a not-for-profit open industry association leading the rapid adoption of safe DC power distribution in commercial buildings through the development of EMerge Alliance standards^[2]. Crestron is a proud member and supporter of the Alliance. For more information about Crestron Solutions for EMerge Alliance Applications visit: www.crestron.com/emerge.



SPECIFICATIONS

Buttons

Keypad Buttons: Configurable for 2 to 8 single-action pushbuttons

Button Events: Programmable for Normal, Tap, Double-Tap, and Hold

Button Caps: Includes (5) small and (2 pair) split small button caps^[3]. Medium and large button caps are sold separately. All button caps are blank. Custom backlit engraved button caps in all sizes 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 blinking patterns

Bargraph: (1) 6-segment bargraph 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 Volts DC, input impedance 200k Ohms, logic threshold 1.24 Volts DC;

Analog Input: Rated for 0-10 Volts DC, protected to 24 Volts DC maximum, input impedance 200k Ohms;

Programmable 5 Volts, 2k Ohms pull-up resistor per pin

Power Requirements

Cresnet Power Usage: 1 Watt (0.05 Amps @ 24 Volts DC)

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 Vimar™ mounting box or frame

Faceplate: Requires a Vimar cover plate

Dimensions

Height: 2.97 in (76 mm)

Width: 2.06 in (53 mm)

Depth: 1.27 in (33 mm) without connector

Weight

1.8 oz (50 g)

MODELS & ACCESSORIES

Available Models

C2N-CBV-P-B-T: Cameo® Keypad, Vimar™ Mount, Black Textured

C2N-CBV-P-W-T: Cameo® Keypad, Vimar™ Mount, White Textured

Available Accessories

CB2-BTN: Large Backlit Engravable Button Cap for Cameo Keypads [specify color]

CB3-BTN: Medium Backlit Engravable Button Cap for Cameo Keypads [specify color]

CB6-BTN: Small Backlit Engravable Button Cap for Cameo Keypads [specify color]

CB6S-BTN: Split Small Backlit Engravable Button Cap Pair for Cameo Keypads [specify color]

CCR-L-1: Crestron® Color Ring

CRESNET-NP: Cresnet® Control Cable, non-plenum, teal

CRESNET-P: Cresnet® Control Cable, plenum, teal

CRESNET-HP-NP: Cresnet® “High-Power” Control Cable, non-plenum, teal

Notes:

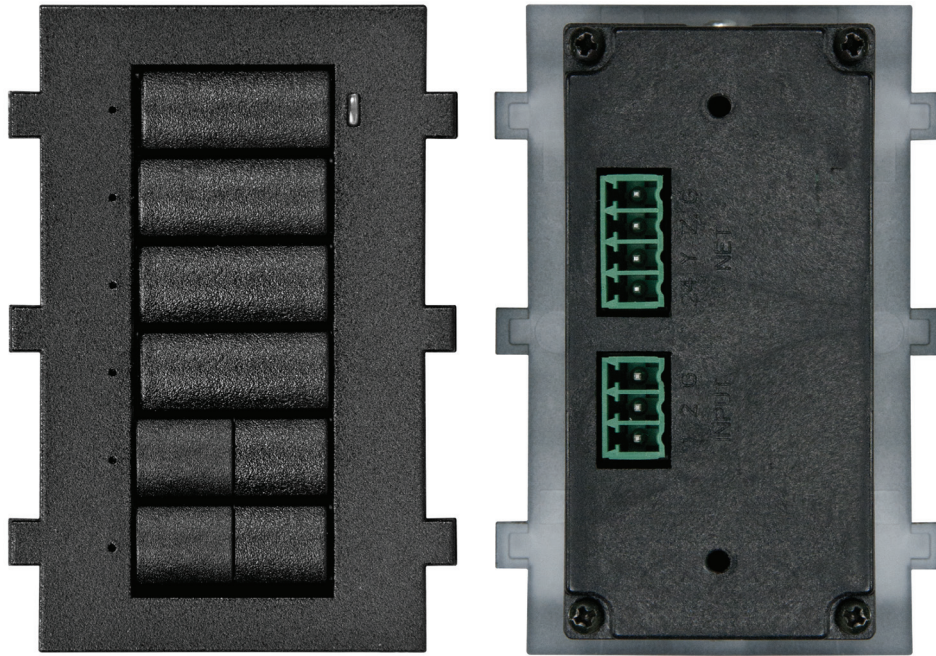
1. Includes 5 small buttons and 2 pair split small buttons (all blank). Medium and large buttons sold separately. Custom engraving sold separately.
2. Information regarding the EMerge Alliance can be found at www.emergealliance.org.
3. Split small buttons may be installed in the last two positions only.

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 www.crestron.com/salesreps or by calling 800-237-2041.

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

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C2N-CBV-P-B-T – Front and Rear Views