C2N-CBV-P

Cameo® Keypad, Vimar™ Mount & Vimar Eikon® Mount

> Stylish and versatile wall mount keypad

> Keypads for Vimar™ brand mounting boxes, frames, and cover plates

> Keypad models for Vimar Eikon® brand mounting boxes available

> Versatile combinations of up to 8 pushbuttons [2]

> Installer-configurable with choice of 4 button sizes [2]

> "Split" buttons for "up/down" and "on/off" functions [3]

> "Button Events" enable tap, double-tap, and hold functionality

> Customizable backlit button engraving [2]

> 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

C2N-CBV-P Model Shown in Black and White

(Vimar cover plates sold separately)

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

Vimar Mounting

The C2N-CBV-P Series keypads are designed to fit Vimar and Vimar Eikon® brand mounting boxes, frames, and cover plates.[1] 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 Series facilitates customizable control of lighting, audio, video, and other systems as part of a complete Crestron® system.
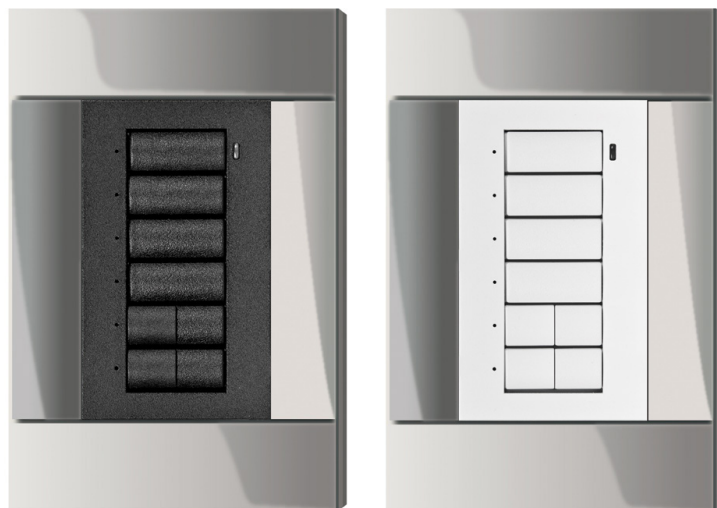
Customizable Buttons

Installers can easily configure the C2N-CBV-P Series keypads with up to eight buttons. Each keypad 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.[2]

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[2] 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 keypad 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

The C2N-CBV-P Series uses the dependable Cresnet wired network for communication between devices. Cresnet provides a simple solution for configuring and wiring keypads and sensors as part of any complete Crestron system. Cresnet is the communications backbone for Crestron lighting dimmers, keypads, shades, thermostats, and many other devices. This flexible 4-wire bus provides data communications and 24 Volts DC power for all of the devices on the Cresnet network.

CRESTRON®

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 (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: (1) 4-pin 3.5 mm detachable terminal block;
Cresnet® slave port, connects to Cresnet control network
INPUT 1 – 2: (1) 3-pin 3.5 mm 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 at 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: C2N-CBV-P model mounts in a Vimar™ mounting box or frame;
C2N-CBV2-P model mounts in a Vimar Eikon® mounting box or frame
Faceplate: C2N-CBV-P: Requires a Vimar cover plate (sold separately)
C2N-CBV2-P: Plastic faceplate included

Dimensions

C2N-CBV-P Models

Height: 2.97 in (76 mm)
Width: 2.06 in (53 mm)
Depth: 1.27 in (33 mm) without connector

C2N-CBV2-P Models

Height: 3.67 in (94 mm)
Width: 1.90 in (49 mm)
Depth: 1.19 in (31 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
C2N-CBV2-P-B-T: Cameo® Keypad, Vimar™ Eikon® Mount, Black Textured
C2N-CBV2-P-W-T: Cameo® Keypad, Vimar™ Eikon® 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]
CRESNET-NP-BK-B500: Cresnet® Control Cable, Non-Plenum, Black, 500 ft (152 m) box
CRESNET-NP-OR-B500: Cresnet® Control Cable, Non-Plenum, Orange, 500 ft (152 m) box
CRESNET-NP-TL-B500: Cresnet® Control Cable, Non-Plenum, Teal, 500 ft (152 m) box
CRESNET-NP-TL-SP1000: Cresnet® Control Cable, Non-Plenum, Teal, 1,000 ft (304 m) spool
CRESNET-NP-TL-SP500: Cresnet® Control Cable, Non-Plenum, Teal, 500 ft (152 m) spool
CRESNET-P-BK-SP500: Cresnet® Control Cable, Plenum-Rated, Black, 500 ft (152 m) spool
CRESNET-P-OR-SP500: Cresnet® Control Cable, Plenum-Rated, Orange, 500 ft (152 m) spool
CRESNET-P-TL-SP1000: Cresnet® Control Cable, Plenum-Rated, Teal, 1,000 ft (304 m) spool
CRESNET-P-TL-SP500: Cresnet® Control Cable, Plenum-Rated, Teal, 500 ft (152 m) spool
CCR-L-1: Crestron® Color Ring

Notes:

1. C2N-CBV2-P models only are for Vimar Eikon applications.
2. Includes 5 small buttons and 2 pair split small buttons (all blank). Medium and large buttons sold separately. Custom engraving sold separately.
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.

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

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