

Interface Module for V24R-C and V24RL-C

- > Provides a wall plate connection for a V-Panel™ 24" HD Touch Screen Display
- > Mounts in a single-gang electrical box or mud ring
- > Includes inserts to match black, white, or almond faceplates
- > Includes surface mount and rack-rail installation options
- > Provides pass-thru connections for 24VDC power and DigitalMedia 8G+™

The V24-IMCW-C is an interface module designed for use with a [V24R-C](#) or [V24RL-C](#) V-Panel™ 24" HD Touch Screen Display. It affords a convenient pluggable connection for the touch screen, providing front panel jacks for DigitalMedia 8G+™ (DM 8G+™) and power. On the rear is a DM 8G+ pass-thru jack for connection to a DM 8G+ transmitter or switcher^[1]. Power is provided to the V24-IMCW-C by an external power pack^[2], which may be connected to either the front or rear panel.

Every V24R-C and V24RL-C touch screen ships with one V24-IMCW-C included. The V24-IMCW-C may also be purchased separately for use with a [V24R-WALL-C](#) touch screen.

Using the hardware provided, the V24-IMCW-C can be mounted in a 1-gang electrical box, to a flat surface, or to a 19-inch rack-rail.

SPECIFICATIONS

Connectors & Indicators – Front Panel

TO PANEL – DM: (1) 8-pin RJ45 female, shielded;
Connects to a V24R-C touch screen via a V-CBL-SC cable^[2]

TO PANEL – G,24: (1) 2-pin 5mm detachable terminal block;
Connects to a V24R-C touch screen via a V-CBL-SC cable^[2]

PWR IN – 24VDC 3.7A: (1) 2.1 x 5.5 mm DC power connector;
24 Volt DC power input from PW-2435RU power pack^[2]

PWR: (1) green LED, indicates DC power supplied from power pack

Connectors – Rear Panel

DM: (1) 8-pin RJ45 female, shielded, DM 8G+ input;
Connects to the DM 8G+™ output of a DM® transmitter or switcher via CAT5e or Crestron® DM-CBL-8G cable^[1]

PWR IN – 24,G: (1) 2-pin 5mm detachable terminal block;
24 Volt DC power input from PW-2435DUL power pack^[2]

PWR IN – 24VDC 3.7A: (1) 2.1 x 5.5 mm DC power connector;
24 Volt DC power input from PW-2435RU power pack^[2]

Ground: (1) Flying lead, grounding wire



Faceplate not included.

Power Requirements

Power Pack: 3.7 Amps @ 24 Volts DC;
100-240 Volt AC, 50/60Hz power pack, model PW-2435RU or PW-2435DUL^[2]

Environmental

Temperature: 32° to 113°F (0° to 45°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Construction: Metal, black finish, includes (3) metal inserts to allow choice of black, white, or almond front panel
Flush Wall Mount: Mounts in a 1-gang electrical box or in a 1-gang opening in a typical 6 inch deep floor box, 2.5 inch minimum mounting depth required, decorator style faceplate not included
Surface Mount: Surface mount bracket included
Rack Mount: Mountable to a single 19-inch EIA rack rail

Dimensions

Height: 4.12 in (105 mm)
Width: 1.72 in (44 mm);
1.93 in (49 mm) w/surface mount bracket
Depth: 1.58 in (40 mm)

Weight

5.0 oz (141 g)

V24-IMCW-C Interface Module for V24R-C and V24RL-C



V24-IMCW-C without faceplate – Front and Rear Views

MODELS & ACCESSORIES

Available Models

V24-IMCW-C: Interface Module for V24R-C & V24RL-C

Available Accessories

- V-CBL-SC: V-Cable Siamese Cable, DM 8G+™
- DM-CBL-8G-NP: DigitalMedia 8G™ Cable, non-plenum
- DM-CBL-8G-P: DigitalMedia 8G™ Cable, plenum
- DM-8G-CONN-100: DigitalMedia 8G™ Cable Connector, 100-Pack
- DM-8G-CRIMP: Crimping Tool for DM-8G-CONN

Notes:

- For DM 8G+ wiring, use Crestron [DM-CBL-8G](#) DigitalMedia 8G Cable or generic CAT5e (or better) UTP or STP. Maximum wire length for DM 8G+ is 330 ft (100 m) between devices. Shielded cable and connectors are recommended to safeguard against unpredictable environmental electrical noise which may impact performance at resolutions above 1080p. Refer to the [DigitalMedia™ Design Guide, Doc. #4546](#) for complete system design guidelines. All wire and cables sold separately.
- Item(s) sold separately or included with touch screen display.

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.

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

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