

## 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<sup>[1]</sup>. Power is provided to the V24-IMCW-C by an external power pack<sup>[2]</sup>, 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<sup>[2]</sup>

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

**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<sup>[2]</sup>

**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<sup>[1]</sup>

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

**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<sup>[2]</sup>

**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<sup>[2]</sup>

#### 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](http://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](http://patents.crestron.com).

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