

Digital Graphics Engines

The Crestron® [DGE-100](#) and [DM-DGE-200-C](#) are high-performance digital graphics engines for the Crestron TSD-2220 and third-party touch screen displays. The DGE-100 and DM-DGE-200-C feature Smart Graphics® technology that may be used to create a custom graphical environment for controlling audio, video, lighting, shades, HVAC, security, and other amenities, or used for other functions with dual-window video display, annotation, audio feedback, and web browsing.



In the Box

- 1 DGE-100 or DM-DGE-200-C, Digital Graphics Engine

Additional Items

- 1 Connector, 4-Pin (2003576)
- 1 Connector, 5-Pin (2003577)

DGE-100 Only

- 1 Power Pack, 24 VDC, 0.75 A, 100-240 VAC (2045865)

DM-DGE-200-C Only

- 1 Cable, Power, 5 ft 10 in. (1.78 m) (2042043)
- 1 Power Pack, 24 VDC, 2.5 A, 100-240 VAC (2045873)

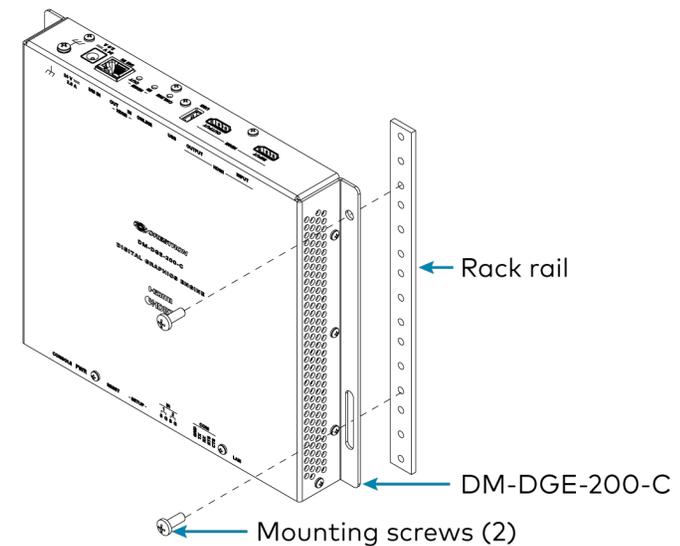


Install the Device

The device can be mounted onto a rack rail or a flat surface.

Mount on a Rack Rail

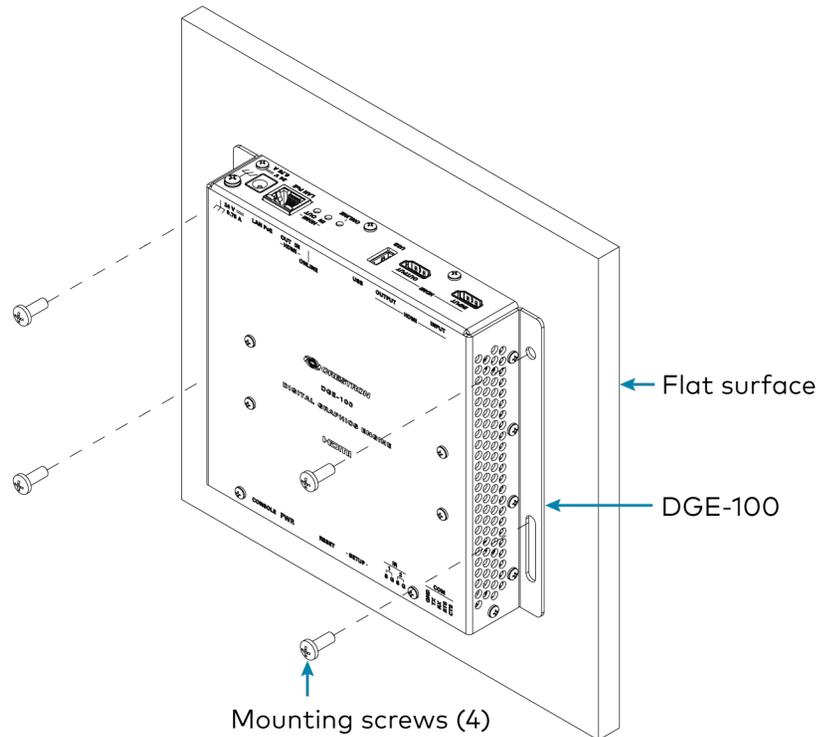
Mount the left or right mounting flange of the device onto the front or rear of a rack rail with two mounting screws (not included).



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Mount on a Flat Surface

Mount the device onto a flat surface with four mounting screws (not included).



Connect the Device

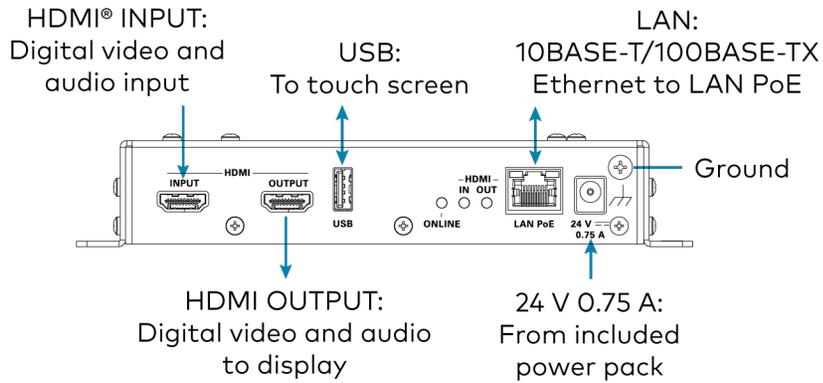
Connect the device as called out in the following illustrations. Use Crestron power supplies for Crestron equipment.

NOTES:

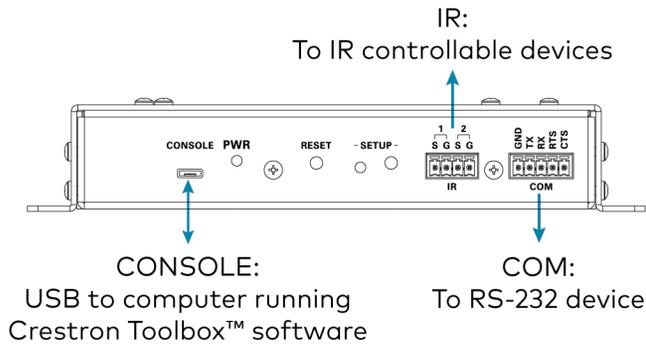
- The DGE-100 does not require a connection to the included power pack if PoE (Power over Ethernet) is used to power the device. Use one or the other, but not both at the same time.
- The DM-DGE-200-C does not support PoE or PoDM (Power over DM® input) and must be powered by the included power pack.

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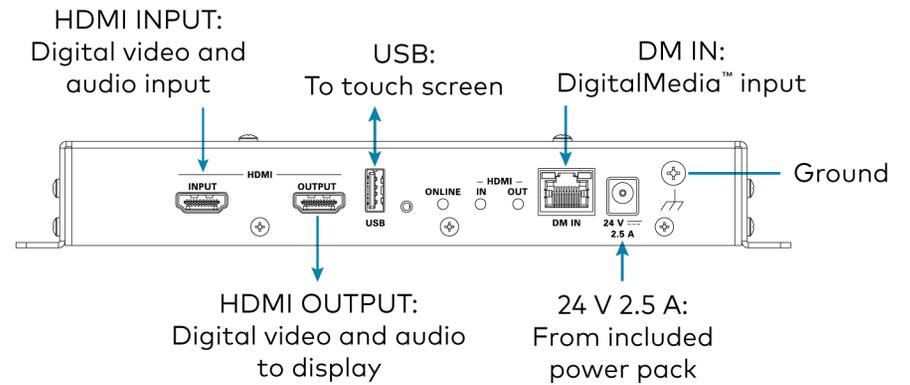
DGE-100 Top Panel Connections



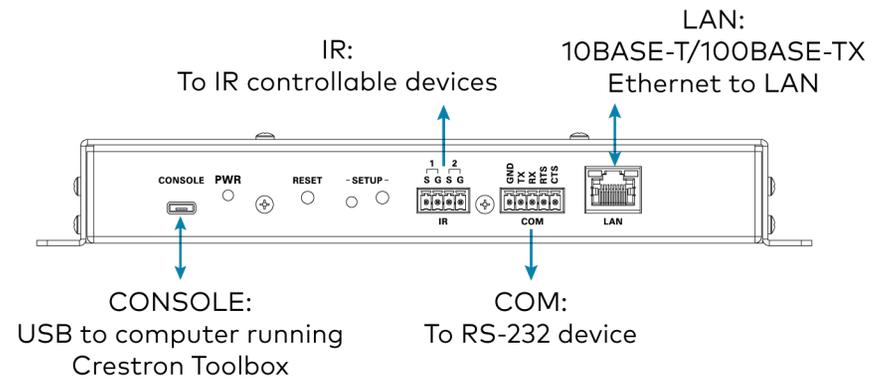
DGE-100 Bottom Panel Connections



DM-DGE-200-C Top Panel Connections



DM-DGE-200-C Bottom Panel Connections



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Configure the Device

When power is applied for the first time, a splash screen is shown on a connected touch screen display. Tap this screen to access the setup screens for device configuration.

NOTE: The device may take up to two minutes (120 seconds) to boot.

Device settings for the DGE-100 and DM-DGE-200-C may be configured using the built-in setup screens or using the included web configuration interface. For more information on configuring the device, refer to the DGE-100/DM-DGE-200-C Supplemental Guide (Doc. 7696) at www.crestron.com/manuals.

NOTE: The DGE-100 or DM-DGE-200-C must be connected to a touch screen display to use the built-in setup screens.

Access the Device Setup Screens

To access the built-in setup screens during regular operation, do one of the following:

- Place five fingers on the touch screen display of a connected TSD-2220 and hold for 15 seconds.
- Press the **SETUP** button on the device bottom panel.

Access the Web Configuration Interface

To access the web configuration interface, ensure the device is connected to the network and use the Device Discovery tool in Crestron Toolbox™ software to discover the device and its IP address on the network. Then enter the device IP address into a web browser.

The device IP address is also found on the device splash page, which may be viewed on a connected touch screen display after applying power to the device for the first time.



Connect to Crestron XiO Cloud Service (Optional)

The Crestron XiO Cloud™ service allows supported Crestron devices across an enterprise to be managed and configured from one central and secure location in the cloud. Supported devices are preconfigured to connect to the service. Use of the service requires a registered Crestron XiO Cloud account.

NOTE: The device can be disconnected from the service using the **Cloud Services** tab in Crestron Toolbox™ software (**Functions > Device Info > Cloud Services**). For details, refer to the Crestron Toolbox help file.

To connect the device to the Crestron XiO Cloud service:

1. Record the MAC address and serial number labeled on the shipping box or rear panel of the device. The MAC address and serial number are required in order to add the device to the Crestron XiO Cloud environment.
2. Enter the device IP address into a web browser to access the web configuration interface.
3. Navigate to **DEVICE > Device Management > Cloud Settings**.
4. Toggle the **Cloud Configuration Service Connection** switch to **Enabled**.
5. Do either of the following:
 - For existing accounts, access the Crestron XiO Cloud service at <https://portal.crestron.io>.
 - For new accounts, register for a Crestron XiO Cloud account at www.crestron.com/xiocloud.

For detailed information about using the Crestron XiO Cloud service, refer to the Crestron XiO Cloud Service User Guide (Doc. 8214) at www.crestron.com/manuals.

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Visit the Product Page

Scan the QR code to visit the product page.

DGE-100



www.crestron.com/model/6507101

DM-DGE-200-C



www.crestron.com/model/6507102

Additional Information

Original Instructions

The U.S. English version of this document is the original instructions. All other languages are a translation of the original instructions.

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The product warranty can be found at www.crestron.com/warranty.

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