

## Digital Graphics Engine 200 with 4K DM 8G+® Input

- > Touch screen graphics engine for the Crestron® TSD-2220 or a third-party USB HID compliant touch screen
- > Also supports OSM applications without a touch screen
- > HDMI® output supports Full HD 1080p60 and 4K Ultra HD (3840x2160@30Hz) display resolutions
- > Displays dual-window or full screen video from HDMI, DM 8G+®, and H.264 streaming inputs<sup>[4,10]</sup>
- > Supports video input resolutions up to 4K UHD and DCI 4K via DM 8G+ or up to 1080p60 via HDMI
- > Receives H.264 streaming video signals up to 1080p60/25Mbps<sup>[4]</sup>
- > DM 8G+ input supports cable lengths up to 330 ft (100 m)<sup>[8]</sup>
- > HDCP 2.2 and 1.4 compliant
- > Crestron Smart Graphics® technology
- > Built-in annotation capabilities
- > Compatible as a video source for Crestron Airboard™ whiteboard capture system
- > Customizable audio feedback
- > Built-in web browsing
- > On-screen multi-language keyboard
- > Customizable screensaver
- > USB 2.0 port supports most USB HID compliant touch screens, mice, and keyboards
- > High-speed 10/100 Ethernet LAN port
- > Enables device control via CEC, IR, and RS-232<sup>[1,2]</sup>
- > 100-240V universal power pack included
- > Enterprise grade security
- > Web based configuration
- > Cloud-based provisioning and management
- > SNMP monitoring support
- > Compact, surface-mountable form factor fits in tight spaces



Ethernet also provides the interface to a [Crestron control system](#), which is required for touch screen and OSM control applications.<sup>[5]</sup>

*Note: The PinPoint™ UX software functionality has been depreciated on the DM-DGE-200-C as of firmware version 1.3781.000xxx.*

### Touch Screen Interface

For traditional touch screen control applications, the DM-DGE-200-C pairs perfectly with a Crestron [TSD-2220](#) HD Touch Screen Display to deliver a high-definition 21.5 in. touch screen control panel that's ideal for home automation, corporate multimedia presentation, and command center applications. Third-party touch screens of varying sizes can be used with the DM-DGE-200-C to fulfill a range of control, collaboration, video display, and interactive kiosk solutions. The DM-DGE-200-C currently supports either Full HD 1080p60 (1920x1080@60Hz) or 4K UHD (3840x2160@30Hz) display resolutions.

### OSM Interface

On-screen menu (OSM) capability offers an alternative to touch screen control, enabling a fully-customizable control menu to appear on any TV or video display, with simple navigation provided using the same Crestron [handheld remote](#) that's controlling the TV. A USB mouse may also be used. The DM-DGE-200-C delivers stunning menu graphics that pop up unobtrusively at the edge of the screen alongside the video image, letting you quickly adjust lighting and climate control settings, lower the shades, check security system status, and lock or unlock the front door without interrupting the movie or TV program you're watching. Detailed alert messages can also appear on screen in case of a security alarm, doorbell, or other event. You can even pop up a live streaming camera window to see who's at the door or coming up the driveway.

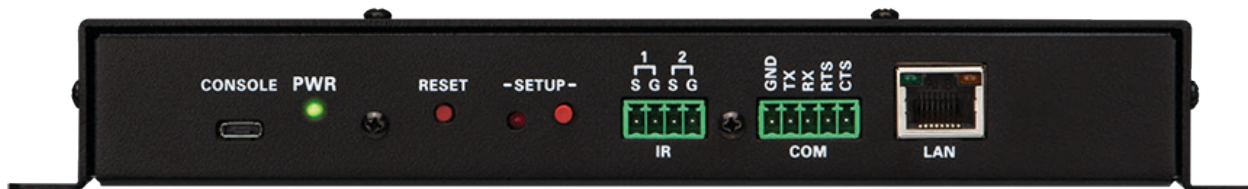
The DM-DGE-200-C Digital Graphics Engine transforms an HD or Ultra HD touch screen display into an advanced Crestron® controller. Featuring Crestron Smart Graphics® technology, the DM-DGE-200-C provides for the creation of a completely custom graphical environment combining advanced controls for audio & video, lighting, shades, HVAC, security, and other functions with dual-window video display, annotation, audio feedback, and web browsing. Its low-profile, surface-mountable design allows for a discreet installation behind a flat-panel display, under a table, or inside a lectern or equipment rack.

The DM-DGE-200-C features a 4K UHD capable HDMI® output for connection to the display device, and includes a USB HID port for touch, mouse, and/or keyboard input. Additional control ports are provided to enable control of the display device and other equipment.<sup>[1,2]</sup> A single HDMI input allows an [AirMedia®](#) wireless presentation gateway or other high-definition video source to be connected and displayed on screen. A DM 8G+® input is included to support 4K UHD and DCI 4K sources connected at a [DM® transmitter](#) or [switcher](#).<sup>[3]</sup> Additionally, H.264 streaming video signals can be received over a high-speed Ethernet connection.<sup>[4]</sup>

# DM-DGE-200-C Digital Graphics Engine 200



Top View



Bottom View

## Smart Graphics® Technology

The DM-DGE-200-C uses Smart Graphics to deliver the ultimate user experience *and* the ultimate value by enabling the creation of dynamically rich user interfaces with incredible efficiency and unparalleled functionality. Using Smart Graphics, programmers can swiftly integrate fluid gesture-driven controls, animated feedback, rich metadata, embedded apps and widgets, and full-motion video for a deeply engaging and ultra-intuitive touch screen experience.

Crestron Smart Graphics offers these enhancements and more:

- Cool-looking graphical buttons, sliders, knobs, and gauges that are intuitive and fun to use
- Kinetic effects to enhance the feeling of realism, with lists and toolbars that scroll with momentum at the flick of a fingertip
- Drag-and-drop objects that snap into place, offering an easy way to switch sources
- Dashboard widgets to personalize the touch screen with clocks, weather, news, and other information<sup>[7]</sup>
- A power-saving screensaver that allows display of time, temperature, and other text content at a reduced brightness level
- Customizable themes allowing a completely different look and feel for every user, event, or season
- Fully-developed SmartObjects® technology that enables sophisticated control over complex devices with minimal programming
- A consistent look and feel across touch screens of varying sizes

## HD Streaming Video

High-definition streaming video capability makes it possible to view security cameras and other video sources over the network right on the touch screen. Native support for H.264 and MJPEG formats allows the DM-DGE-200-C to display live streaming video from an IP camera, a streaming encoder (Crestron [CEN-NVS200](#), [DM-TXRX-100-STR](#), or similar), or a [DigitalMedia™ Switcher](#).<sup>[4]</sup>

## 4K DM 8G+® Input

Via its DM 8G+ input, the DM-DGE-200-C allows the display of video sources with resolutions up to Ultra HD and DCI 4K. Connectivity for such sources can be provided through a [DM 8G+ transmitter](#) or a [DM switcher](#).<sup>[3,5,8,9]</sup>

## HDMI® Input

An HDMI input is included to allow a local HD video source to be connected and displayed. Wireless presentation capability can also be enabled by connecting an [AirMedia gateway](#) to the HDMI input, allowing Wi-Fi® enabled laptops and mobile devices to connect wirelessly to the DM-DGE-200-C. Please note that the maximum resolution supported by the HDMI input is 1080p60 (1920x1080@60Hz).<sup>[9,10]</sup>

## HDCP 2.2 Support

Industry-leading support for HDCP 2.2 (High-bandwidth Digital Content Protection) ensures seamless compatibility with content-protected DVD, Blu-ray Disc®, broadcast TV, and Internet TV sources. HDCP 2.2 is supported through the DM 8G+ input and HDMI output, while the HDMI input supports HDCP 1.4.

## Web Browsing

Using its built-in web browser, the DM-DGE-200-C provides access to online program guides and other web-based services at the touch of a button, allowing enhanced touch screen control of DVRs and other appliances without having to pick up a separate tablet or smartphone. The web browser may also be used to simply browse the Internet, check traffic conditions, or look up a recipe.<sup>[7]</sup>

## Multi-Touch Support

Paired with the [TSD-2220](#) or other multi-touch compatible touch screen display, the DM-DGE-200-C affords enhanced capabilities for browsing web pages using multi-touch gestures.

## On-Screen Keyboard

An on-screen multi-language keyboard allows for quick entry of passwords, URLs, and text searches.

# DM-DGE-200-C Digital Graphics Engine 200

## Built-in Annotation

Whether conducting a high-level boardroom meeting or training seminar, sharing ideas in a huddle space, or watching sports in your home theater, annotation helps put the fine point on any presentation. Native to the DM-DGE-200-C, annotation provides the ability to illustrate your thoughts on-the-fly, letting you draw and write over video and computer images, and sketch out ideas on a whiteboard screen.

Remote annotation capability allows multiple participants, each with a separate touch screen, to draw with their fingertips over the same video image or whiteboard, enabling enhanced collaboration in a classroom, courtroom, or council chamber. Remote annotation works using multiple DM-DGE-200-C's and other Crestron touch screens. Adding a dedicated DM-DGE-200-C to the main display in any room allows the annotation session to be viewed by the entire audience.

## Crestron AirBoard™ Capture System Compatibility

The DM-DGE-200-C can be used to view presentation content captured by a Crestron [CCS-WB-1 Crestron AirBoard™](#) whiteboard capture system. Connection to a room display, AV system, or conferencing codec is handled by the DM-DGE-200-C. The captured presentation is then streamed to the DM-DGE-200-C over the network and fed to the room system via the DM-DGE-200-C's HDMI® output.

## Device Controller

The DM-DGE-200-C includes built-in RS-232 and IR control ports to allow for programmable control of the connected display and other devices via the control system. Additional control capability is afforded by harnessing the CEC (Consumer Electronics Control) signal embedded in HDMI. Via its Ethernet connection to the control system, the DM-DGE-200-C provides a gateway for controlling the display device right through its HDMI connection, potentially eliminating the need for any dedicated serial cables or IR emitters.<sup>[1,2]</sup>

## Low-Profile Installation

The DM-DGE-200-C mounts conveniently to a wall, ceiling, or other flat surface. Its compact, surface-mountable form factor fits easily behind a flat panel display, beneath a tabletop, or inside a lectern or other furniture. It can even be attached directly to a single rack rail in the back of an equipment cabinet.

## Enterprise Grade Security

Crestron digital graphics engines employ enterprise-grade networking with robust security features such as 802.1X authentication, TLS encryption, HTTPS connectivity, and Active Directory® software integration. These features are imperative to protect your network against service interruptions and malicious intrusions, and to ensure compliance with your organization's stringent network policies. Cloud-based provisioning and management streamlines the process of configuring and monitoring every digital graphics engine on the network and keeping them updated. Additional support for SNMP allows every digital graphics engine to be monitored by your IT administrator alongside every other device on the network.

## Crestron XiO Cloud™ Service

[Crestron XiO Cloud](#) is Crestron's unifying cloud-based platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base. Crestron XiO Cloud enables installers and IT managers to deploy and manage thousands of devices in the amount of time it would ordinarily take to manage just one. It provides a zero-touch solution that allows complete configuration of device settings without any hardware in hand, then simply connect each device on site and let Crestron XiO Cloud push out the settings, licenses, drivers, and firmware updates – automatically and securely – for a quick and painless, ready-to-use deployment.

Ongoing Crestron XiO Cloud services facilitate daily management and monitoring of every device through a single dashboard with comprehensive reporting and logging, live status viewing and alerts, performance metrics and analytics, scheduled actions and updates, and more. As requirements grow and evolve, new features and functionality can be added easily to one or many devices at any time without ever going on site. Crestron XiO Cloud is a subscription-based service offering an adaptable SaaS (Software as a Service) solution with graduated levels of functionality and unlimited scalability. For more information about Crestron XiO Cloud, please visit <https://www.crestron.com/xiocloud>.

*NOTE: The level of Crestron XiO Cloud functionality available varies by device. New Crestron XiO Cloud functions may be added for devices in future firmware updates.*

## SPECIFICATIONS

### Graphics Engine

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Crestron Smart Graphics, local and remote annotation, multi-language web browser<sup>[7]</sup>, 10-point multi-touch support, multi-language on-screen keyboard, screensaver, scalable dual video windowing, displays any combination of HDMI, DM 8G+, and/or streaming sources<sup>[4,10]</sup>, setup and diagnostics via web browser or onscreen UI

### Languages

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**Smart Graphics:** Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, Dutch, English (UK), English (US), Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Portuguese (Brazilian), Romanian, Russian, Slovak, Spanish, Swedish, Thai

**On-Screen Keyboard:** Arabic, Chinese (Simplified), Croatian, Czech, Danish, Dutch, English (UK), English (US), Finnish, French (Canada), French (Switzerland), German, Hebrew, Hungarian, Italian, Japanese, Norwegian Bokmal, Polish, Portuguese, Russian, Serbian, Spanish, Swedish, Turkish

**Web Browser:** Arabic, Bulgarian, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Filipino, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Latvian, Lithuanian, Norwegian Bokmal, Pashto, Persian, Polish, Portuguese, Romanian, Romansh, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish, Ukrainian, Vietnamese

# DM-DGE-200-C Digital Graphics Engine 200

## Memory

**RAM:** 2 GB DDR3-SDRAM  
**Flash:** 4 GB  
**Maximum Project Size:** 1 GB

## Communications

**Ethernet:** 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, TCP/IP, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), IEEE 802.1X, SNMP, IPv4 or IPv6, Active Directory authentication, HTTPS web browser setup, Crestron XiO Cloud client, Crestron control system integration<sup>[5]</sup>

**USB Host:** Supports the Crestron TSD-2220 touch screen display and most third-party USB HID compliant touch screens, mice, and keyboards  
**USB Device:** For computer console (installer setup and firmware update)  
**RS-232:** 2-way device control and monitoring up to 115.2k baud with hardware and software handshaking<sup>[1]</sup>

**IR/Serial:** 1-way device control via infrared up to 1.1 MHz or serial TTL/RS-232 (0-5 Volts) up to 19.2k baud<sup>[1]</sup>

**DigitalMedia:** DM 8G+, HDCP 2.2, EDID, Ethernet, PoDM sourcing

**HDMI, Input:** HDCP 1.4, EDID, CEC<sup>[2]</sup>

**HDMI, Output:** HDCP 2.2, EDID, CEC<sup>[2]</sup>

*NOTE: Supports management of HDCP and EDID; supports management of CEC between the connected HDMI devices and a control system*

## Pointing Device Support

The DM-DGE-200-C is compatible with the Crestron TSD-2220 touch screen display and most third-party USB HID compliant touch screens, mice, and keyboards.

## Streaming Decoder

**Video Formats:** H.264 (MPEG-4 part 10 AVC), MJPEG

**Audio Formats:** AAC stereo

**Bitrates:** Up to 25 Mbps<sup>[4]</sup>

**Resolutions:** Up to 1080p60

## Video

**Input Signal Types:** DM 8G+, HDMI (DVI & Dual-Mode DisplayPort compatible<sup>[11]</sup>)

**Output Signal Types:** HDMI (DVI compatible<sup>[11]</sup>)

## Maximum Input Resolutions:

Input Type	Scan Type	Resolution	Frame Rate	Color Sampling	Color Depth
DM 8G+	Progressive	4096x2160 DCI 4K or 3840x2160 Ultra HD	24 Hz	4:4:4	30 bit
			30 Hz	4:4:4	24 bit
		30 Hz	4:2:2	36 bit	
		60 Hz	4:2:0	24 bit	
		60 Hz	4:4:4	36 bit	
	60 Hz	4:4:4	36 bit		
	Interlaced	1920x1080 HD1080i	30 Hz	4:4:4	36 bit
HDMI	Progressive	1920x1080 HD1080p	60 Hz	4:4:4	36 bit

*NOTE: Common input resolutions are shown; other custom input resolutions are supported at pixel clock rates up to 300 MHz for the DM 8G+ input, or 148 MHz for the HDMI input; interlaced video is not supported via the HDMI input*

**Output Resolutions:** 1920x1080@60Hz (1080p60), 3840x2160@30Hz (4K UHD)

*NOTE: All video inputs are automatically scaled to the operative output resolution when displayed full screen*

## Audio

**Input Signal Types:** DM 8G+, HDMI (Dual-Mode DisplayPort compatible<sup>[11]</sup>)<sup>[9]</sup>

**Output Signal Types:** HDMI

**DM Input Formats:** Up to 8 channel LPCM

**HDMI Input Formats:** 2 channel LPCM

**HDMI Output Formats:** Up to 8 channel LPCM

**Audio Feedback Formats:** MP3

## Connectors

**CONSOLE, USB:** (1) USB Micro-A connector, female;  
USB computer console port;  
Type A to Micro-A USB cable included

**IR 1 – 2:** (1) 4-pin 3.5 mm detachable terminal block;  
Comprises (2) IR/Serial ports<sup>[1]</sup>;  
IR output up to 1.1 MHz;  
1-way serial TTL/RS-232 (0-5 Volts) up to 19200 baud

**COM:** (1) 5-pin 3.5 mm detachable terminal block;  
Bidirectional RS-232 port<sup>[1]</sup>;  
Up to 115.2k baud, hardware and software handshaking support

**LAN:** (1) 8-pin RJ45 connector, female;  
10Base-T/100Base-TX Ethernet port

**HDMI INPUT:** (1) HDMI Type A connector, female;  
HDMI digital video/audio input<sup>[9]</sup>;  
(DVI & Dual-Mode DisplayPort compatible<sup>[11]</sup>)

**HDMI OUTPUT:** (1) HDMI Type A connector, female;  
HDMI digital video/audio output;  
(DVI compatible<sup>[11]</sup>)

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**USB:** (1) USB Type A connector, female;  
USB 2.0 host port for connection of a USB HID compliant touch screen, mouse, or keyboard

**DM IN:** (1) 8-pin RJ45 connector, female, shielded;  
DM 8G+ input<sup>[3,5,8,9]</sup>;  
PoDM PSE (Power Sourcing Equipment) port

**24 VDC 2.0 A:** (1) 2.1 x 5.5 mm DC power connector;  
24 Volt DC power input;  
PW-2420RU power pack included

**Ground:** (1) 6-32 screw;  
Chassis ground lug

## Controls & Indicators

**PWR:** (1) Green LED, indicates operating power supplied via the local power pack, flashes while booting

**RESET:** (1) Recessed pushbutton for hardware reset

**SETUP:** (1) Red LED and (1) recessed pushbutton for Ethernet setup

**LAN:** (2) LEDs, green LED indicates Ethernet link status, amber LED indicates Ethernet activity

**ONLINE:** (1) Green LED, indicates connection to a control system via Ethernet

**HDMI IN & OUT:** (2) Green LEDs, indicate HDMI signal presence at the HDMI input or output

**DM IN:** (2) LEDs, green LED indicates DM link status, amber LED indicates video and HDCP signal presence

## Power

**Power Pack (included):** Input: 1.5 Amps maximum @ 100-240 Volts AC, 50/60 Hz;  
Output: 2 Amps @ 24 Volts DC;  
Model: PW-2420RU

**Power Consumption:** 24 Watts (typical without a PoDM PD connected)

**(PoDM) Power over DM Sourcing:** IEEE 802.3at Type 1 compliant PoDM PSE (Power Sourcing Equipment), supplies up to 15.4 Watts (Class 0-3) to power one PoDM PD (Powered Device)

## Environmental

**Temperature:** 32° to 104° F (0° to 40° C)

**Humidity:** 10% to 90% RH (non-condensing)

**Heat Dissipation:** 81.9 BTU/hr

## Enclosure

**Chassis:** Metal, black finish, with (2) integral mounting flanges, fan cooled, vented sides

**Mounting:** Freestanding, surface mount, or attach to a single rack rail

## Dimensions

**Height:** 7.93 in. (203 mm)

**Width:** 9.29 in. (236 mm)

**Depth:** 1.36 in. (35 mm)

## Weight

25.6 oz (726 g)

## Compliance

UL Listed for US & Canada, IC, CE, FCC Part 15 Class B digital device

## DM 8G+ Maximum Cable Lengths

Cable Type:	DM-CBL-ULTRA DM® Ultra Cable	DM-CBL-8G DM 8G® Cable	CAT5e (or better) <sup>[8]</sup>
<b>Resolution:</b>			
1080p60 Full HD	330 ft (100 m)	330 ft (100 m)	330 ft (100 m)
1920x1200 WUXGA			
1600x1200 UXGA			
2048x1080 DCI 2K		230 ft (70 m)	165 ft (50 m)
2560x1440 WQHD			
2560x1600 WQXGA			
3840x2160 Ultra HD			
4096x2160 DCI 4K			

Notes:

- The COM and IR ports may all be utilized for fully-customizable control applications through integration with a Crestron control system with custom programming.
- CEC may be utilized through either HDMI port for fully-customizable control applications through integration with a Crestron control system with custom programming.
- Manual switching and control port functionality on the transmitter require a control system with custom programming. Control port functionality is not supported at all on a DM-TX-4K-100-C-1G transmitter.
- Supports up to two simultaneous streaming video inputs with a maximum combined total bitrate of 25 Mbps.
- When connected to a DM switcher via DM 8G+, the DM-DGE-200-C can obtain its LAN connection through the switcher but does not receive an IP address on the switcher's private network. Thus, it requires an IP address on the customer's LAN.
- AirMedia wireless presentation support requires a wireless LAN and the addition of an AirMedia presentation gateway, model **AM-200** or **AM-300**, sold separately.
- Web browsing, weather information, and certain other functions require an Internet connection.
- The maximum cable length for DigitalMedia 8G+ (DM 8G+) is dependent upon the type of cable, resolution of the video signal, and capabilities of each connected device. Refer to the "DM 8G+ Maximum Cable Lengths" table for a detailed overview. Shielded cable and connectors are recommended to safeguard against unpredictable environmental electrical noise which may impact performance at resolutions above 1080p. Refer to the [Crestron DigitalMedia Design Guide, Doc. #4546](#) for DM system design guidelines. All wire, cables, transmitters, and other devices are sold separately.
- The audio signal from any source connected to the HDMI or DM input is passed through to the HDMI output without processing, downmixing, volume control, or mute control.
- The HDMI video input signal cannot be downscaled by more than 4x. For instance, a 1920x1080 source signal can be displayed no smaller than 480x270 pixels.
- HDMI connections require an appropriate adapter or interface cable to accommodate a DVI or Dual-Mode DisplayPort signal. **CBL-HD-DVI** interface cables are available separately.

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 <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover this and other Crestron products are listed online at <https://www.crestron.com/legal/patents>.

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

# DM-DGE-200-C Digital Graphics Engine 200

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## MODELS & ACCESSORIES

### Available Models

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**DM-DGE-200-C:** Digital Graphics Engine 200 with 4K DM 8G+® Input

### Included Accessories

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**PW-2420RU:** Desktop Power Pack, 24VDC, 2A (50 Watts), 2.1mm, Universal (Qty. 1 included)

### Available Accessories

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**TSD-2220:** 21.5 in. HD Touch Screen Display

**Crestron Fusion® Cloud:** Enterprise Management

**AM-200:** AirMedia® Presentation System 200

**AM-300:** AirMedia® Presentation System 300

**CEN-NVS200:** Network Video Server

**DM-TXRX-100-STR:** HD Streaming Transmitter/Receiver

**DM-TX-200-C-2G:** Wall Plate DigitalMedia 8G+® Transmitter 200

**DM-TX-4K-202-C:** 4K DigitalMedia 8G+® Transmitter 202

**DM-TX-4K-302-C:** 4K DigitalMedia 8G+® Transmitter 302

**DM-TX-201-C:** DigitalMedia 8G+® Transmitter 201

**DM-TX-401-C:** DigitalMedia 8G+® Transmitter 401

**DM-CBL-ULTRA:** DigitalMedia™ Ultra Cable

**DM-CONN:** Connector for DM-CBL-ULTRA

**DM-CBL-ULTRA-PC:** DigitalMedia™ Ultra Patch Cable

**DM-CBL-ULTRA-RECP:** DigitalMedia™ Ultra Keystone RJ45 Jack

**DM-CBL-8G:** DigitalMedia 8G™ Cable

**DM-8G-CONN:** Connector for DM-CBL-8G

**DM-8G-CONN-WG:** Connector with Wire Guide for DM-CBL-8G

**CBL Series:** Crestron® Certified Interface Cables

**CNSP-XX:** Custom Serial Interface Cable

**IRP2:** IR Emitter

**SW-XIOC-S Series:** Crestron XiO Cloud™ Standard Provisioning and Management Service for one device

**SW-XIOC-P Series:** Crestron XiO Cloud™ Premium Provisioning and Management Service for one device

**CCS-WB-1:** Crestron AirBoard™ Whiteboard Capture System

# DM-DGE-200-C Digital Graphics Engine 200

