

# 8-Channel DigitalMedia 8G™ Fiber Input Blade for DM® Switchers

- > Modular input blade for a DM-MD64X64 or DM-MD128X128 switcher
- > Provides eight independent DM 8G® Fiber inputs
- > Supports cable lengths up to 1000 ft (300 m) using CresFiber® 8G, or 500 ft (150 m) using other multimode fiber<sup>[1]</sup>
- > Handles video resolutions up to Full HD 1080p
- > Handles computer resolutions up to WUXGA
- > Handles 3D video and Deep Color
- > Handles Dolby® TrueHD, DTS-HD®, and uncompressed 7.1 linear PCM audio
- > HDCP compliant
- > Occupies a single output blade slot

The DMB-I-S is an input blade designed for use with any blade-based Crestron® DigitalMedia™ Switcher. It provides eight independent DM 8G® Fiber inputs. Each DM 8G Fiber input enables the connection of a DM 8G Fiber Transmitter, or the output of another DM® switcher. Just one multimode fiber optic strand is required per input, supporting distances up to 1000 feet (300 m) using CresFiber® 8G, or 500 feet (150 m) using other multimode fiber optic cable.<sup>[1]</sup>

Please refer to the DigitalMedia Resources Webpage at <http://www.crestron.com/dmresources/> for additional design tools and reference documents.

## SPECIFICATIONS

### Video

**Input Signal Type:** DM 8G® Fiber (DigitalMedia™ over one multimode fiber optic strand)<sup>[1]</sup>

**Formats:** DM 8G Fiber w/Deep Color & 3D, HDCP content protection support

**Input Resolutions, Progressive:** 640x480@60Hz, 720x480@60Hz (480p), 720x576@50Hz (576p), 800x600@60Hz, 848x480@60Hz, 852x480@60Hz, 854x480@60Hz, 1024x768@60Hz, 1024x852@60Hz, 1024x1024@60Hz, 1280x720@50Hz (720p50), 1280x720@60Hz (720p60), 1280x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1365x1024@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1080@24Hz (1080p24), 1920x1080@25Hz (1080p25), 1920x1080@50Hz (1080p50), 1920x1080@60Hz (1080p60), 1920x1200@60Hz, 2048x1080@24Hz, 2048x1152@60Hz, plus any other resolution allowed by HDMI up to 165MHz pixel clock

**Input Resolutions, Interlaced:** 720x480@30Hz (480i), 720x576@25Hz (576i), 1920x1080@25Hz (1080i25), 1920x1080@30Hz (1080i30), plus any other resolution allowed by HDMI up to 165MHz pixel clock



### Audio

**Input Signal Type:** DM 8G Fiber

**Formats:** Dolby Digital®, Dolby Digital EX, Dolby Digital Plus, Dolby® TrueHD, DTS®, DTS-ES, DTS 96/24, DTS-HD High Res, DTS-HD Master Audio™, up to 8ch PCM

### Communications

**DigitalMedia:** DM 8G Fiber, HDCP, EDID, CEC, Ethernet

### Connectors

**INPUT MMF/SC 1 – 8:** (8) SC female optical fiber connectors; DM 8G Fiber inputs;

Each connects to the DM 8G Fiber output of a DM transmitter or other DM device via CRESFIBER8G multimode fiber optic cable<sup>[1]</sup>

# DMB-I-S 8-Channel DigitalMedia 8G™ Fiber Input Blade for DM® Switchers

## Indicators

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**ACT:** (1) green LED, indicates blade activity

**MSG:** (1) red LED, indicates an error message has been generated

**INPUT MMF/SC:** (8) green LEDs, indicate DM link status for each corresponding input

## Construction

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Plug-in blade, occupies (1) DM Switcher input blade slot, includes metal faceplate w/black finish

## Weight

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1.6 lb (726 g)

## MODELS & ACCESSORIES

### Available Models

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**DMB-I-S:** 8-Channel DigitalMedia 8G™ Fiber Input Blade for DM® Switchers

### Available Accessories

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**CRESFIBER8G-NP:** CresFiber® 8G Multimode Fiber Optic Cable, 50/125 x4 breakout, non-plenum

**CRESFIBER8G-P:** CresFiber® 8G Multimode Fiber Optic Cable, 50/125 x4 breakout, plenum

**CRESFIBER-CONN-SC50UM-12:** CresFiber® Fiber Optic Cable Connector (AFL Telecommunications™), SC 50µm, 12-Pack

**CRESFIBER-TK:** CresFiber® Termination Kit (AFL Telecommunications™)

**CRESFIBER-SINGLE-SC-P:** CresFiber® Simplex Fiber Optic Cable Assembly, 50/125, SC, Plenum

**CRESFIBER-SINGLE-SC-ARMORED-P:** CresFiber® ARMORED Simplex Fiber Optic Cable Assembly, 50/125, SC, Armored, Plenum

**CRESFIBER-SINGLE-SC-CLEAR-NP:** CresFiber® CLEAR Simplex Fiber Optic Cable Assembly, 50/125, SC, Non-Plenum

## Notes:

1. The maximum cable length for DigitalMedia 8G Fiber (DM 8G Fiber) is 1000 ft (300 m) using Crestron [CRESFIBER8G](#) multimode fiber optic cable, or 500 ft (150 m) using Crestron [CRESFIBER](#), Crestron [CRESFIBER-SINGLE-SC](#), or third-party OM3 simplex multimode fiber optic cable. Refer to the [Crestron DigitalMedia Design Guide, Doc. #4546](#) for complete system design guidelines. All wire and cables are sold 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 [www.crestron.com/salesreps](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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