

DMC-DVI

DVI/RGB Input Card for DM Switchers

The DMC-DVI is an input card for a Crestron DigitalMedia™ Switcher, providing one DVI digital video input or analog RGB/Component input*, with balanced stereo analog audio. The DMC-DVI handles computer resolutions up to WUXGA 1920 x 1200, as well as HDTV up to 1080p60. Professional balanced/unbalanced audio inputs are included to accept a stereo line level audio signal.

Additional connections on the card include an HDMI pass-thru output, and a USB HID port. The HDMI output passes the audio and video input signals through digitally to feed a local device, or to feed a second DM switcher for output expansion purposes. The USB HID host port allows a remote mouse/keyboard or game controller, connected at the display location, to control a centralized source device (i.e. computer, game console, media server, etc.) at the equipment rack.

* RGB to DVI-I adapter included. In addition to RGB, the DVI-I input can accept component, composite, and S-Video signals through an appropriate adapter (not included) or direct interface to certain Crestron products. Input sync detection is not provided for composite or S-Video signal types through the DVI-I connection.

SPECIFICATIONS

Video

Signal Types: DVI, RGB, component*; HDMI converted pass-thru
Formats: DVI v.1.0, HDCP v.1.2 content protection support, HDTV up to 1080p60, NTSC or PAL

Input Resolutions, DVI, 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 Single-link DVI
Input Resolutions, DVI, Interlaced: 720x480@30Hz (480i), 720x576@25Hz (576i), 1920x1080@25Hz (1080i25), 1920x1080@30Hz (1080i30), plus any other resolution allowed by Single-link DVI

Input Resolutions, RGB: 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

Input Resolutions, Component: 480i, 576i, 480p, 576p, 720p50, 720p60, 1080i25 (1125 lines), 1080i30, 1080p24, 1080p25, 1080p30, 1080p50 (1125 lines), 1080p60

Input Resolutions, Composite and S-Video: 480i, 576

Output Resolutions: Matched to inputs

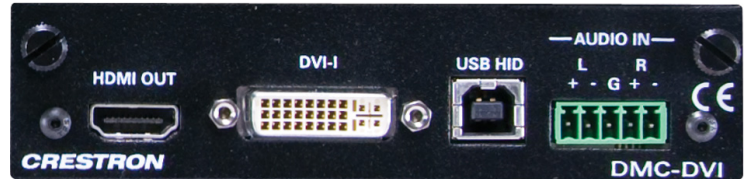
Analog-To-Digital Conversion: 10-bit 170 MHz

Audio

Signal Types: Analog stereo input, HDMI converted pass-thru

Formats: Stereo 2-channel

Analog-To-Digital Conversion: 24-bit 48 kHz



USB

Protocols: Supports USB HID class devices

Connectors

HDMI OUT: (1) 19-pin Type A HDMI female;

HDMI digital video/audio output;

Provides pass-thru signal from AUDIO IN for system expansion

DVI-I IN: DVI-I female (or DB15HD female via adapter included);
DVI, RGB (VGA), or component (YPbPr) video input*;

Analog Input Levels: 0.5 to 1.5 Vp-p with built-in DC restoration;

Analog Input Impedance: 75 ohms;

Analog Sync Input Type: Autodetect RGBHV, RGBS, RGSB, YPbPr;

Analog Sync Input Level: 3 to 5 Vp-p;

Analog Sync Input Impedance: 1k ohms

USB HID: (1) USB Type B female;

USB 1.1 host port for connection to the mouse/keyboard or game controller input of a USB HID-compliant host device

AUDIO IN: (1) 5-pin 3.5mm detachable terminal block;

Balanced/unbalanced stereo line-level input;

Input Impedance: 24k ohms balanced/unbalanced;

Balanced Input Level: 4 Vrms maximum;

Unbalanced Input Level: 2 Vrms maximum

Construction

Plug-in card, occupies (1) DM Switcher input card slot, includes steel faceplate w/black matte powder coat finish

Weight

TBD

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Available Models

DMC-DVI: DVI/RGB Input Card for DM Switchers

Available Accessories

CBL-DVI-1.5: Crestron® Certified DVI Interface Cable, 1.5 ft
[Just Released]

CBL-DVI-12: Crestron® Certified DVI Interface Cable, 12 ft
[Just Released]

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CBL-DVI-3: Crestron® Certified DVI Interface Cable, 3 ft
[Just Released]

CBL-DVI-30: Crestron® Certified DVI Interface Cable, 30 ft
[Just Released]

CBL-DVI-6: Crestron® Certified DVI Interface Cable, 6 ft
[Just Released]

CBL-HD-DVI-1.5: Crestron® Certified HDMI™ to DVI Interface Cable, 1.5 ft
[Just Released]

CBL-HD-DVI-12: Crestron® Certified HDMI™ to DVI Interface Cable, 12 ft
[Just Released]

CBL-HD-DVI-20: Crestron® Certified HDMI™ to DVI Interface Cable, 20 ft
[Just Released]

CBL-HD-DVI-3: Crestron® Certified HDMI™ to DVI Interface Cable, 3 ft
[Just Released]

CBL-HD-DVI-30: Crestron® Certified HDMI™ to DVI Interface Cable, 30 ft
[Just Released]

CBL-HD-DVI-6: Crestron® Certified HDMI™ to DVI Interface Cable, 6 ft
[Just Released]

CBL-VGA-1.5: Crestron® Certified Computer VGA Interface Cable, 1.5 ft
[Just Released]

CBL-VGA-12: Crestron® Certified Computer VGA Interface Cable, 12 ft
[Just Released]

CBL-VGA-25: Crestron® Certified Computer VGA Interface Cable, 25 ft
[Just Released]

CBL-VGA-3: Crestron® Certified Computer VGA Interface Cable, 3 ft
[Just Released]

CBL-VGA-50: Crestron® Certified Computer VGA Interface Cable, 50 ft
[Available December, 2009]

CBL-VGA-6: Crestron® Certified Computer VGA Interface Cable, 6 ft
[Just Released]

CBL-VGA-75: Crestron® Certified Computer VGA Interface Cable, 75 ft
[Available December, 2009]

DMCI: DigitalMedia™ Card Interface

MP-WP130-B: Media Presentation Wall Plate, Black - DB15HD Computer w/Mini-TRS Stereo Audio

MP-WP130-W: Media Presentation Wall Plate, White - DB15HD Computer w/Mini-TRS Stereo Audio

MP-WP131-B: Media Presentation Wall Plate, Black - DB15HD Computer w/Mini-TRS Stereo Audio

MP-WP131-W: Media Presentation Wall Plate, White - DB15HD Computer w/Mini-TRS Stereo Audio

MP-WP140-B: Media Presentation Wall Plate, Black - DVI-I w/Mini-TRS Stereo Audio

MP-WP140-W: Media Presentation Wall Plate, White - DVI-I w/Mini-TRS Stereo Audio

MP-WP150-B: Media Presentation Wall Plate, Black - HDMI w/Mini-TRS Stereo Audio

MP-WP150-W: Media Presentation Wall Plate, White - HDMI w/Mini-TRS Stereo Audio

MP-WP152-B: Media Presentation Wall Plate, Black - HDMI

MP-WP152-W: Media Presentation Wall Plate, White - HDMI

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