

RCA Analog Video Input Card w/SPDIF Audio for DM® Switchers

- > Modular input card for a DM-MD8X8, DM-MD16X16, or DM-MD32X32 switcher
- > Provides a multi-format analog video input with S/PDIF digital audio
- > Accommodates component, S-Video, and composite video sources
- > Handles 480i NTSC and 576i PAL signals
- > Handles HD video resolutions up to Full HD 1080p
- > Handles Dolby Digital® and DTS® 5.1 audio
- > Employs high-quality 30 bit video sampling
- > Includes an HDMI® output for pass-through of the input signal
- > Occupies a single DM® switcher input card slot
- > Provides an analog video and SPDIF audio to HDMI convertor using the optional DMCI card interface^[1]

The DMC-VID-RCA-D is an input card designed for use with any card-based Crestron® DigitalMedia™ Switcher. It provides one multi-format analog video input and one S/PDIF coaxial digital audio input, with a complementary HDMI® pass-through output. The video input allows for the connection of component, S-Video, and composite video sources. It handles 480i NTSC and 576i PAL signals, as well as HD signals up to 1080p60.

Digital Video Converter

Using high-quality 30 bit sampling, the DMC-VID-RCA-D converts analog video signals to digital for distribution over the DigitalMedia network.

HDMI® Pass-Through

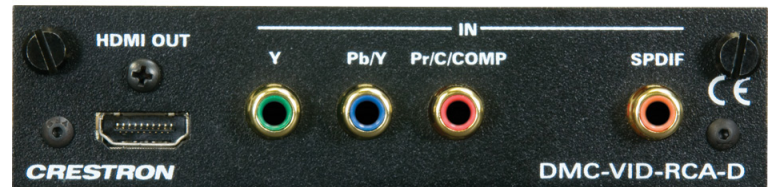
Every DM® switcher input card includes an HDMI output port, which can be used to pass the audio and video input signals through to a local audio processor or video monitor, or to feed a second DM switcher for output expansion purposes.

Multi-format Analog Video & SPDIF to HDMI Converter

In addition to its use as an input card for DM switchers, the DMC-VID-RCA-D may also be used with the DMCI DigitalMedia Card Interface^[1] to serve as an analog video and SPDIF audio to HDMI signal convertor, and to detect and report input signal information to a Crestron control system.

To configure a DM switcher complete with input and output cards, cables, and other peripherals, please use the online [DigitalMedia Switcher Configuration Tool](#).

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



SPECIFICATIONS

Video

Input Signal Types: Component (YPbPr), S-Video (Y/C), or composite (NTSC, PAL)

Output Signal Types: HDMI® (DVI compatible^[2])

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

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

Output Resolutions: Matched to inputs

Analog-To-Digital Conversion: 10-bit 170 MHz per each of 3 channels

Audio

Input Signal Types: S/PDIF coaxial

Output Signal Types: HDMI (pass-through from input)

Formats: Dolby Digital®, Dolby Digital EX, DTS®, DTS-ES, DTS 96/24, LPCM 2-channel

Communications

HDMI: CEC

NOTE: Supports management of CEC between the connected HDMI device and a control system

Connectors

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

HDMI digital video/audio output;

Also supports DVI^[2]

IN - Y, Pb/Y, Pr/C/COMP: (3) RCA female comprising (1) auto-sensing multi-format analog video;

Signal Types: Component (YPbPr), S-Video (Y/C), or composite;

Input Level: 1 Vp-p nominal;

Input Impedance: 75 Ohms nominal

DMC-VID-RCA-D RCA Analog Video Input Card w/SPDIF Audio for DM® Switchers

IN - SPDIF: (1) RCA female;
S/PDIF coaxial digital audio input;
Input Impedance: 75 Ohms

Construction

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

Weight

7.0 oz (199 g)

MODELS & ACCESSORIES

Available Models

DMC-VID-RCA-D: RCA Analog Video Input Card w/SPDIF Audio for DM® Switchers

Available Accessories

CBL Series: Crestron® Certified Interface Cables

MP-WP Series: Media Presentation Wall Plates

MPI-WP Series: Media Presentation Wall Plates - International Version

DMCI: DigitalMedia™ Card Interface

Notes:

1. Item(s) sold separately.
2. HDMI requires an appropriate adapter or interface cable to accommodate a DVI 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 www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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