

BNC Analog Video Input Card for DM[®] Switchers

- > Modular input card for a DM-MD8X8, DM-MD16X16, or DM-MD32X32 switcher
- > Provides a multi-format analog video input with balanced stereo analog 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
- > Converts analog AV signals to digital
- > Employs high-quality 30 bit video and 24 bit audio sampling
- > Includes an HDMI[®] output for pass-through of the input signal
- > Occupies a single DM[®] switcher input card slot
- > Provides an analog AV to HDMI convertor using the optional DMCI card interface^[1]

The DMC-VID-BNC is an input card designed for use with any card-based Crestron[®] DigitalMedia[™] Switcher. It provides one multi-format analog video input and one balanced stereo analog 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 AV Converter

Using high-quality 30 bit sampling, the DMC-VID-BNC converts analog video signals to digital for distribution over the DigitalMedia network. Analog audio signals are converted to 24 bit digital.

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 AV to HDMI Converter

In addition to its use as an input card for DM switchers, the DMC-VID-BNC may also be used with the DMCI DigitalMedia Card Interface^[1] to serve as an analog AV 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 input

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

Audio

Input Signal Types: Analog stereo

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

Formats: Stereo 2-channel

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

Input Level Compensation: ±10 dB

Analog Performance: Frequency Response: 20Hz to 20kHz ±0.75dB;

S/N Ratio: >95dB, 20Hz to 20kHz A-weighted;

THD+N: <0.005% @ 1kHz;

Stereo Separation: >90dB

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]

DMC-VID-BNC BNC Analog Video Input Card for DM[®] Switchers

Y, Pb/Y, Pr/C/COMP: (3) BNC female comprising (1) auto-sensing multi-format analog video input;
Signal Types: Component (YPbPr), S-Video (Y/C), or composite;
Input Level: 1 Vp-p nominal;
Input Impedance: 75 Ohms nominal

AUDIO IN L, R: (1) 5-pin 3.5mm detachable terminal block;
Balanced/unbalanced stereo line-level audio 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 metal faceplate w/black finish

Weight

8.0 oz (227 g)

MODELS & ACCESSORIES

Available Models

DMC-VID-BNC: BNC Analog Video Input Card 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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