

DVPHD Input Card: DHDC-HDRGBVI

Introduction

This Operations Guide describes the connectors on the DHDC-HDRGBVI input card for the DVPHD Digital Video Processor models. Each DHDC-HDRGBVI card provides (1) DVI-I input, (1) HDMI input and (1) HDMI output.

Features and Functions

- Supports DVI and HDMI sources with HDCP
- High resolution DVI digital and HDMI inputs
- Auto-detecting multi-format HD video input

NOTE: The DHDC-HDRGBVI is not field upgradeable.

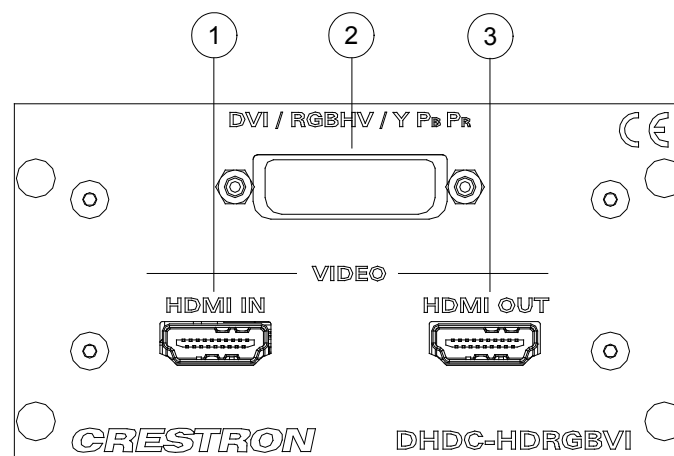
Specifications

Specifications for the DHDC-HDRGBVI are listed in the following table.

DHDC-HDRGBVI Specifications

SPECIFICATION	DETAILS
Input Signal Types	DVI, HDMI or RGB
Input Formats	HDTV up to 1080i/1080p; DVI/HDCP, HDMI/HDCP and RGB up to WUXGA
Input Resolutions	Up to 1920 x 1200 @ 60 Hz

Location of Connectors



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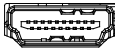


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Specifications subject to
change without notice.

Connectors

#	CONNECTORS	DESCRIPTION
1	HDMI IN 	(1) 19-pin Type HDMI female; HDMI digital video input; Audio is not supported on the input and is looped out through the HDMI OUT port
2	DVI/RGBHV/Y P _b P _r 	(1) DVI-I female (or DB15HD female via included adapter); DVI, HDMI, RGB or component (YP _b P _r) video input*; Digital format: DVI 1.0 (HDMI 1.2 compatible) with HDCP 1.1. protocol; Analog formats: RGBHV, RGBS, RG _s B, YP _b P _r (Supports EDTV 480p/576p and HDTV 720p, 1080i/1080p); Input resolution: non-interlaced: up to 1920 x 1200 (60 Hz limit at 1600 x 1200 or higher); Horizontal frequency: 15 to 112 kHz; Vertical frequency: 25 to 85 Hz; Analog input levels: 0.5 to 1.5 V _{p-p} with built-in DC restoration; Analog input impedance: 75 ohms; Analog sync input type: Autodetect RGBHV, RGBS, RG _s B, YP _b P _r ; Analog sync input level: 3 to 5 V _{p-p} ; Analog sync input impedance: 1k ohms
3	HDMI OUT 	(1) 19-pin Type HDMI female; HDMI digital video/audio output

* DVI-I connection requires an appropriate adapter to accommodate HDMI, RGB or component signals.

Further Inquiries

To locate specific information or resolve questions after reviewing this guide, contact Crestron's True Blue Support at 1-888-CRESTRON [1-888-273-7876] or refer to the listing of Crestron worldwide offices on the Crestron Web site (www.crestron.com/offices) for assistance within a particular geographic region.

To post a question about Crestron products, log onto the Online Help section of the Crestron Web site (www.crestron.com/onlinehelp). First-time users must establish a user account to fully benefit from all available features.