

DVPHD (DVI) Input Card: DHDC-RGB

Introduction

This Operations Guide describes the DVI/RGBHV/YP_bP_r input connector on the DHDC-RGBVI. For the purposes of this document, this connector is referred to as the DHDC-RGB on the DVPHD (DVI) Input Card. The DVI/RGBHV/YP_bP_r input provides DVI, HDMI, RGB (VGA), or component (YP_bP_r) video input for the DVPHD High Definition Digital Video Processor.

Features and Functions

- Supports DVI and HDMI sources with HDCP
- High-resolution DVI digital and RGBHV, RGsB, RGBS, component (YP_bP_r) input
- HDCP compliant
- Auto-detecting multi-format HD/video input

NOTE: The DHDC-RGB is not field upgradeable.

Specifications

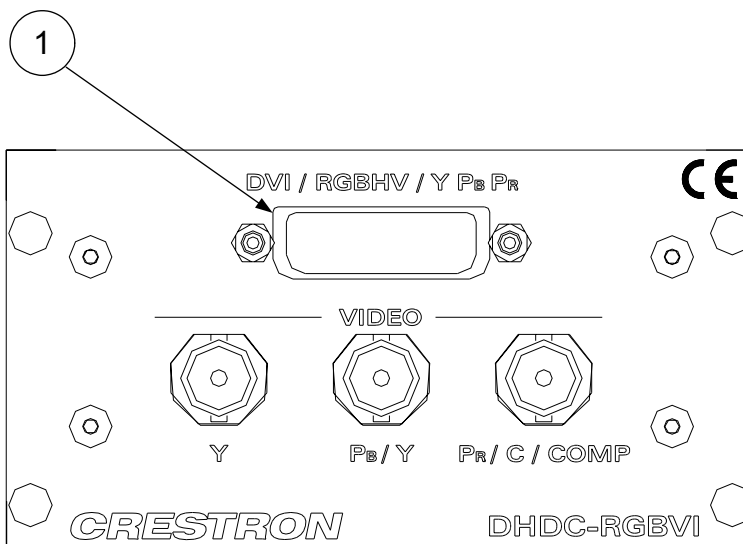
Specifications for the DHDC-RGB are listed in the following table.

DHDC-RGB Specifications

SPECIFICATION	DETAILS
Input Signal Types	DVI, HDMI, or RGB (VGA), or component (YP _b P _r)
Input Formats	HDTV up to 1080i/1080p; DVI/HDCP, HDMI/HDCP, and RGB up to WUXGA
Input Resolutions	Up to 1920 x 1200 @ 60Hz



Location of Connector



Connector

#	CONNECTORS, CONTROLS & INDICATORS	DESCRIPTION
1		<p>(1) DVI-I female (or DB15HD female via adapter included); DVI, HDMI, RGB (VGA), or component (Y_bP_r) video input*; Digital Format: DVI 1.0 (HDMI 1.2 compatible) with HDCP 1.1 protocol; Analog Formats: RGBHV, RG_sB, YP_bP_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, RG_sB, YP_bP_r; Analog Sync Input Level: 3 to 5 V_{p-p}; Analog Sync Input Impedance: 1k ohms</p>

* Requires an appropriate adapter to accommodate HDMI, RGB, or component signals.

Further Inquiries

If you cannot locate specific information or have questions after reviewing this sheet, please take advantage of Crestron's award winning customer service team by calling the Crestron corporate headquarters at 1-888-CRESTRON [1-888-273-7876]. For assistance in your local time zone, refer to the Crestron website (<http://www.crestron.com/offices>) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron website (<http://www.crestron.com/onlinehelp>) to ask questions about Crestron products. First-time users will need to establish a user account to fully benefit from all available features.