

DVPHD Output Card: DHDC-RGBO-R

Introduction

The DHDC-RGBO-R Output Card provides DVI/RGBHV and QuickMedia[®] output for the DVPHD High Definition Digital Video Processor. It also allows the DVPHD to work with HDCP repeater devices so that it can be anywhere in the HDCP chain.

Features and Functions

- DVI/RGBHV output provides a digital signal to DVI/HDMI displays or an analog signal to RGBHV displays
- QuickMedia output provides analog signal to non-interlaced RGBHV
- HDCP compliant
- EDID information on the digital output affords easy and reliable setup when connected to an EDID-compliant display.
- Allows the DVPHD to support HDCP downstream repeaters.

NOTE: This card must be installed in the factory. It is not field replaceable.

Specifications

Specifications for the DHDC-RGBO-R are listed in the following table.

DHDC-RGBO-R Specifications

SPECIFICATION	DETAILS
Output Signal Types	DVI or RGBHV, plus RGBHV via QuickMedia (QM)
Output Formats	Progressive scan HDTV up to 1080p, Interlaced 1080i, DVI/HDCP or HDCP w/EDID up to WUXGA, RGBHV up to WUXGA
Output Resolutions	Up to 1920 x 1200 @ 60Hz

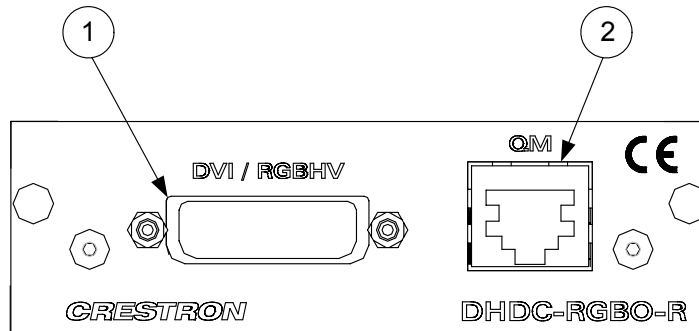


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Specifications subject to
change without notice.

Location of Connectors



Connectors

#	CONNECTORS, CONTROLS & INDICATORS	DESCRIPTION
1	<p>DVI/RGB OUT</p>	<p>(1) DVI-I female (or DB15HD female via adapter included); DVI or RGBHV (VGA) video output¹; Digital Format: DVI 1.0 with HDCP 1.1 and EDID 1.3 protocols; 1080i output; Analog Formats: RGBHV (Supports EDTV 480p/576p and HDTV 720p/1080p output as RGBHV); Output Resolution: Up to 1920 x 1200 (60 Hz limit at 1600 x 1200 or higher); Horizontal Frequency: 30 to 91 kHz; Vertical Frequency: 50 to 85 Hz; Analog Sync Output Type: RGBHV; Analog Sync Output Level: TTL, 5 V_{p-p}</p>
2	<p>QM OUT</p>	<p>(1) 8-wire RJ-45 female, QuickMedia output port containing analog RGBHV only (same as RGBHV OUTPUT 1); Format: RGBHV (Supports EDTV 480p/576p and HDTV 720p/1080p output as RGBHV); Output Resolution: Same as RGBHV OUTPUT 1²; Connects to QM input port of any QuickMedia device via CresCAT-QM or CresCAT-IM cable</p>

1. Requires an appropriate adapter to accommodate HDMI or RGBHV signals.
2. Output is disabled if HDCP is utilized.

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].

You can also log onto the online help section of the Crestron website (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.