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## **HDMI versus Component Video**

HDMI and Component Video are both video cable standards that can support similar video resolutions, but deliver the signal from the source in a much different method. The main difference between the two is that HDMI delivers the signal digitally, and component delivers the signal in an analog format. In other words, HDMI delivers the signal as a data stream and component delivers the signal as varying voltages corresponding to the red, green, and blue components of the signal.

Both signal types fundamentally achieve the same result by breaking up the images in similar ways and they end up delivering the same type of information to the display, but in different forms. The difference will greatly depend on the particulars of the source and the display.

While it is difficult to say which video standard has the edge without judging them with your own eyes, most people would unquestionably declare HDMI the better video signal standard.

HDMI does gain a slight edge by having both digital video and surround sound audio in only 1 cable (Component is video only). HDMI handles everything digitally and component is analog. However, just because component video is analog does not mean it can't handle Hi Def resolutions. Component supports 720p resolutions and 1080i. That being said, HDMI can support 1080p resolutions which is something component cannot do.

So if you're planning on viewing 1080p content, HDMI will be the best option for you. For 720p and 1080i resolutions, you should try both and see which looks the best to you.

As for audio, you can't really go wrong with HDMI's Dolby TrueHD and DTS-HD Master Audio capabilities. However, if you go the component video route you can always combo it with a Optical Toslink Cable which will work just as well as HDMI.

### **About Tunnel Vision Technology, Inc.**

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