Frequently Asked Questions

- **Is the HDMI to DisplayPort cable uni-directional?**
  It's important to note that the cables will not be bidirectional. Although bidirectional adapters are available, DisplayPort to HDMI cables only transmit signals in one direction.
- **Is it possible to link one DisplayPort monitor to HDMI?**
  You can mix and match HDMI, DisplayPort, and DVI as you see fit. One monitor could be HDMI, while the other could be DisplayPort, and so on. Video connections are one thing, but keep in mind that your additional displays will not run on their own. Obviously, each requires a power source.
- **Is there an HDMI to DisplayPort cable?**
  The Cable Matters HDMI to DisplayPort Adapter makes connecting an HDMI-equipped laptop to a DisplayPort monitor a breeze.\
- **Is it true that DisplayPort cables are directional?**
  DisplayPort provides the industry's best audio, display, and bi-directional communications capabilities without forcing users to purchase additional cables. High performance is a given with DisplayPort.
- **Why isn't my DisplayPort to HDMI connection working?**
  If the adapter hardware is broken, the DisplayPort to HDMI adapter will not work. A broken HDMI port, on the other hand, or even wrong device settings, can cause the problem.
- **Is there a quality loss while switching from DisplayPort to HDMI?**
  When using a DP to HDMI cable, there is usually no loss of quality. This straightforward transition, however, only applies to single-link DVI signals, therefore only up to HD resolution.
- **Should I connect the second monitor via HDMI or DisplayPort?**
  If you have a choice between DisplayPort 1.4 and HDMI 2.0, you should choose DisplayPort. In other circumstances, if a monitor only offers you the option of HDMI 2.0 or DisplayPort 1.2 for HDR support, HDMI may be the way to go as long as all of your devices support the HDMI version in question.
- **Is it possible to connect HDMI to DisplayPort at 144Hz?**
  DisplayPort, Dual-Link DVI, or HDMI 1.3 (or above) are required for 1080p 144Hz, whereas HDMI 2.0 or DisplayPort 1.2 are required for 1440p 144Hz. This author has been thoroughly vetted and has the appropriate expertise or education to write on this subject.
- **What is the difference between a bidirectional DisplayPort cable and a regular DisplayPort cable?**
  Because the bidirectional cable can carry signals in both directions, it has a wide range of applications. It can be used to connect a DisplayPort monitor or TV to a laptop or smartphone with a USB Type- C connection.
- **What is the difference between an active DisplayPort to HDMI cable and a passive DisplayPort to HDMI cable?**
  When switching DisplayPort to HDMI, active video conversion is essential to preserve 4K resolutions. An active DP adapter is also perfect for delivering 1080p video resolutions since it ensures compatibility with graphics cards that don't support multi-mode DP++ signals.