

## Technical Bulletin

**Product:** B-520 Series HDBaseT Extenders

**Topic:** General Product Information

### 4K Compatibility

This product is compatible with HDMI 1.4 and HDCP 1.4 specifications. This would limit the video resolution to 4K@30Hz 4:4:4 8-bit.

For 4K@60Hz 4:4:4 and 4K HDR @ 60Hz support at 18Gbps, please utilize the [B-560-EXT-444-70 4K HDR HDBaseT extender](#).

### Power Supply Voltage

Binary HDBaseT HDMI extenders use a 12 Volt DC power supply. All other Binary HDMI extenders use a 5 Volt DC power supply, and matrix switchers with integrated Cat 5 extenders use 12 Volt DC supplies. Using any other product than 12V, Binary product will result in damage to the product and possibly the power supply. Be sure to use the correct power supply with the correct product!

### Shielded Cable Recommendation

Although HDBaseT transmission technology is much less susceptible to EMI interference than other transmission technologies, if possible, it is recommended that you pull shielded Cat5e/Cat6 with this product for maximum reliability. Please note: for proper shielding, shielded connectors must be used with drains connected at both ends. In addition, "EZ end" connectors are not recommended for use with HDMI extenders.