



## **DVIgear Launches Single-Fiber 4K Optical Extenders**

### *Compact Extenders Deliver Immense Value for System Integrators*

**Marietta, Georgia – December 8, 2014** – DVIgear, a leading manufacturer of digital connectivity products, has launched its models [DVI-7313](#) and [DVI-7314](#), the highest value single-fiber optical extenders on the market. These powerful, yet compact extenders support 4K / 30p resolution signals up to 1.2 miles and are targeted for professional AV system installations and rental & staging applications.

#### **Extends 4K Signals Over Extreme Distances**

DVIgear's [DVI-7313](#) and [DVI-7314](#) are high performance 4K Optical Extenders that transmit high resolution DVI / HDMI signals over extreme distances using a single fiber optic cable. These extenders support HDMI v1.4 (non-HDCP) signals with resolutions up to 4K (4096x2160 / 30p) over cable distances up to 1640 ft. (DVI-7313) and up to 1.2 miles (DVI-7314).

These extenders are similarly priced as other extension technologies (such as HDBaseT™) while providing flawless optical performance at much greater distances. The [DVI-7313](#) supports Multi-Mode optical fiber, while the [DVI-7314](#) supports both Multi-Mode and Single-Mode fiber optic cable.

#### **Cutting-Edge Fiber Optic Technology**

Most single-fiber optical extenders transmit signals over multiple optical wavelengths, which can suffer from chromatic dispersion over long cable runs. To avoid this issue, these extenders employ a cutting-edge, high-speed SerDes that combines the DVI / HDMI signal channels into a single uncompressed 10.3 Gbps bit stream. This enables the optical transmission of the signal over a single optical wavelength, which provides increased signal fidelity, stability and flawless image quality, regardless of cable length.

#### **Custom Fiber Optic Cable**

DVIgear's custom length fiber optic cables may be used with these extenders to maximize extension distance and system performance. Integrators and designers can select from a wide range of options including: Single-Mode, Multi-Mode (OM3), or Multi-Mode (OM4) at any cable length up to 10 km. Other options such as multiple terminated strands, breakout length, and pulling eye are also available.

These features make the [DVI-7313](#) and [DVI-7314](#) ideal choices for forward-looking system designers and integrators who want to future-proof their AV systems with robust 4K capable optical extension. They can be used in a wide range of digital display applications including rental & staging events, auditoriums, hotels, churches and other demanding environments. The suggested list price for the [DVI-7313](#) is \$698.00/pair, whereas the [DVI-7314](#) is \$798.00/pair. Both extender sets are available now for immediate delivery.

#### **About DVIgear**

Founded in 1999, DVIgear ([www.dvgear.com](http://www.dvgear.com)) is a leading supplier of Digital Connectivity Solutions for a wide range of professional display applications. Located in Marietta, Georgia, DVIgear offers an extensive portfolio of high performance digital video distribution products including: Digital Matrix Routing Switchers, Splitters, Extenders, Converters, Scalers, as well as long-length copper and optical cables.

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