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High Resolution Product Photo: [DN-100 Series](#)

High Resolution Product Photo: [DVI-3580a](#)

High Resolution Logo: [DisplayNet™ Logo](#)

DVIGear Shows Game-Changing DisplayNet™ Platform at ISE 2016

AV-Over-10GbE Products Revolutionize AV Distribution Technology

Marietta, Georgia, USA – February 3, 2016 – DVIGear, a leading manufacturer of digital connectivity products, is exhibiting the game-changing [DisplayNet™](#) AV-Over-10GbE distribution platform at ISE16 in Amsterdam, NL on February 9-12 at **Stand 1-N30**. DVIGear is also demonstrating its comprehensive suite of end-to-end 4K (UHD) video distribution solutions at the show.

DisplayNet™: AV Connectivity – Redefined

DisplayNet™ is an entirely new concept for AV distribution that leverages proven 10GbE Ethernet technology to switch, extend and distribute uncompressed AV signals in real time with resolutions up to 4K (UHD). [DisplayNet™](#) delivers unprecedented levels of scalability, versatility and reliability with zero frame latency, zero compression and zero artifacts.

For almost a decade, AV systems have been designed primarily around proprietary AV matrix switchers. While this technology has driven a wide range of innovations, there have been several drawbacks. Proprietary matrix switchers are expensive, they provide limited flexibility and scalability, and they require costly specialized support. Now, system designers and integrators can use DisplayNet™ to effortlessly distribute AV signals using standard off-the-shelf 10GbE Ethernet network switches. DisplayNet™ supports a wide range of applications including point-to-point Extension, limitless Matrix Switching, Video Wall Display and MultiViewer*.

DisplayNet™ leverages decades of proven networking technology and massive global deployment of 10GbE networks. This eliminates the need for costly, redundant AV networks as all AV assets can now reside on existing IT networks that IT Managers can easily control. 10GbE network switches can also be up to 60% smaller than typical AV switches and as little as 1/10th the cost. At the same time, DisplayNet™ provides enormous scalability – the system array is limited only by the number of installed endpoints and size (ports) of the 10GbE switch.

DisplayNet™ at ISE 2016

At ISE 2016 in Amsterdam, NL, DVIGear will exhibit [DisplayNet™](#) at Stand 1-N30. The DN-100 Series transmitter accepts multiple signals such as HDMI (with embedded audio and HDCP), analog stereo audio, bidirectional IR, RS-232, and GbE Ethernet and transmits them over a 10GbE link up to 328 ft. (100 meters) using a single CAT6a or CAT7 cable. This link is then distributed via a network switch to the receiver unit, which provides all the signals for output at the destination.

The DN-100 Series supports uncompressed video up to 4K /30p (4:4:4) and 4K /60p (4:2:0) with zero artifacts and zero frame latency. Video signals may be simultaneously routed in Point-to-Point, Matrix Switching and Video Wall modes all in the same system. For more flexibility, each signal type (Video, Audio, IR, RS-232, etc.) can be routed independently. Other advanced features such as audio embedding and de-embedding are also supported. The DN-100 Series includes powerful DisplayNet™ Management Software and External API Server to enable these units to be deeply and easily integrated into new or existing systems. The DN-100 Series transmitters and receivers are shipping now.

The next generation of [DisplayNet™](#) technology will also be on display at the show. The DN-110 and DN-120 Series provide all the features of the DN-100 plus support for Full-Speed USB 2.0 (480 Mbps.) as well as signal extension over fiber optic media. The next generation units will begin shipping in May 2016. DVIGear will also show future DisplayNet™ technology including support for HDMI 2.0, HDCP 2.2, as well as internal scaling. Scaling in the transmitter will enable MultiViewer applications, and scaling in the receiver will enable more robust Video Wall capabilities as well as seamless switching regardless of input resolution. DisplayNet™ products are available starting at \$995 (USD) MSRP per end point.



Comprehensive Range of 4K Distribution Solutions

At ISE 2016, DVIgear is also exhibiting a complete range of 4K video distribution solutions such as switcher/scalers, long-reach copper cables, CAT-X twisted pair extenders, and fiber optic extenders. These products are all designed and built to overcome the challenges of transporting signals at the high data rates required by 4K video. The following two new products are featured among those at the show.

The DVI-3580a 4K MultiViewer Switcher / Scaler supports switching, scaling and MultiViewing of video signals at resolutions up to 4K. This high-performance, low-cost unit includes 4x HDMI, 2x DisplayPort, and 1x VGA/Component inputs as well as 1x HDMI and 1x optional HDBaseT™ output. Four user-selectable windowing modes are available. The unit can be managed using a powerful range of control features such as RS-232, front panel selections, IR remote control, and LAN (telnet or built-in highly intuitive Web GUI). It also supports other advanced features such as audio embedding and de-embedding, as well as EDID management capabilities all at \$2,095 (USD) MSRP.

The DVI-7340 4K MultiPort Fiber Optic Extender supports HDMI 1.4 (or DVI) with or without HDCP, RS-232, bidirectional IR, 10/100 Ethernet and Balanced or Unbalanced Audio over a single Multi-Mode or Single-Mode optical fiber. The standard version of this extender pair features 1x LC connection. However, it includes an option to substitute an ST connector, which is preferred for some applications. It supports extension of resolutions up to 4K /30p over lengths of up to 1,000 ft. / 300 m (MM) and 0.6 mi. / 1 km (SM) with HDCP and includes EDID management for ease of install and support. The DVI-7340 delivers a comprehensive suite of connectivity while maintaining a low-cost and is ideal for mission-critical environments such as rental and staging applications. The DVI-7340 will begin shipping in April 2016 at \$1,350 (USD) MSRP per set.

About DVIgear

Founded in 1999, DVIgear (www.dvigeart.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: Scalable AV-Over-10GbE Systems, Switchers, Splitters, Extenders, Converters, Scalers, as well as long-length copper and optical cables.

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HDBaseT™ is a trademark of the HDBaseT Alliance.

*MultiViewer capability coming Q3 2016.