DVIGEAR

DVIGear Introduces DisplayNet™ at InfoComm 2015

Revolutionary New Platform for AV Signal Distribution over 10GbE Ethernet Networks

Marietta, Georgia – June 12, 2015 – DVIGear, a leading manufacturer of digital connectivity products, is introducing the game-changing **DisplayNet™** AV distribution platform at InfoComm15 in Orlando, FL on June 17-19 at **Booth 3659**.

DisplayNet™: AV Connectivity – Redefined

DisplayNet™ is a new platform for AV distribution that uses off-the-shelf 10GbE Ethernet technology to switch, extend and distribute uncompressed AV signals in real time with resolutions up to 4K (UHD). By leveraging 10GbE technology, the DisplayNet™ platform offers increased scalability, versatility and reliability thanks to the enormous installed base of 10GbE hardware used in IT / data center applications around the world.

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 array of applications including Point-to-Point Extension and complex Matrix Switching, as well as Video Wall and MultiViewer (coming in 2016) displays.

Introducing the DN-100 Series Products

At InfoComm15 in Orlando, DVIGear will exhibit a live demonstration introducing its first **DisplayNet™** products, the **DN-100 Series**. The transmitter (DN-100TX) accepts multiple signals such as HDMI (with embedded audio and HDCP), analog stereo audio, bidirectional IR, RS-232, and 1GbE 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 an off-the-shelf 10GbE network switch to the receiver unit (DN-100RX), which provides all the signals for output at the destination.

The DN-100 Series are built to maximize system capability and flexibility. They support uncompressed video up to 4K /30p (4:4:4) and 4K /60p (4:2:0) with no artifacts and zero frame latency. Video signals may be simultaneously routed in Point-to-Point, Matrix Switching, Video Wall, and MultiViewer (coming 2016) modes all in the same system. For more flexibility, each signal type (Video, Audio, IR, RS-232, etc.) is treated as a separate switching layer that can be routed independently. Other advanced features such as audio embedding and de-embedding are also supported. The DN-100 Series includes powerful control software and API to enable these units to be deeply and easily integrated into new or existing systems. The DN-100 Series transmitter and receiver will begin shipping September 2015 at a suggested retail price of less than $1,000 per endpoint.

10GbE Ethernet - The New Proven Platform for AV Distribution

DisplayNet™ leverages decades of proven networking technology and massive global deployment of 10GbE networks. AV assets no longer need to be aggregated at a central location using an expensive AV Matrix Switcher. This eliminates the need for costly, redundant AV networks as all AV assets can now reside on existing IT networks. 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 – system array limited only by the number of installed endpoints and size (ports) of 10GbE switch. DisplayNet™ is not just new technology; it's a new paradigm for AV system integration.

About DVIGear

Founded in 1999, DVIGear (www.dvigear.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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