



VIDOVATION

Moving Video Forward

Press Contact:
Curtis Chan
Cognitive Impact
714.447.4993

curtis@cognitiveimpact.com
or pr@vidovation.com

For Immediate Release

VidOvation Expands VidOptic Fiber Optic Transmission Product Family

Price-performance leadership designed for critical applications requiring high quality video performance and reliability across SD/HD-SDI, broadband, and RF optical networks

Irvine, California, January 7, 2014 - [VidOvation](#), a leading technology provider of video and data communication systems to the broadcast television, sports, corporate audio-visual, and government markets, announced today that they are expanding their VidOptic product line of fiber optic transport systems specifically designed for critical applications requiring high quality video performance and reliability with price-performance leadership. The new product families include:

1. [USB-DVI Computer Graphics Transport](#)

(<http://vidovation.com/fvt-fvr-2100-usb-dvi-single-link-dual-link-rgb-audio-data-usb-over-1-fiber>)

The VidOptic FVT/FVR-2100-A-D-USB-DVI is designed for optical KVM extension to transport computer graphics while extending computer control via USB and serial data transport. The system supports high-quality HDTV formats from 480P up to and including 1080P with full clarity over one fiber and the transport of non-RGB video formats such as YUV, YCrCb or YPrPb, RGB-HV, DVI-D and DVI-DL through a DVI-I interface. This VidOptic transport is also designed to increase the transmission distance limitations of high resolution RGB, DVI video and computer graphics, and can support audio functionality as well as peripherals such as printers, scanners, and web cams. The keyboard, video and mouse (KVM) extension over fiber is ideal for government, military and broadcast applications when a secure remote computer connection is required. KVM optical extension also saves space in a control room by moving the bulky computers to a remote data center.

2. [4 Channel 3G HDSDI Fiber Optic Transport Card for openGear](#)

(<http://vidovation.com/fvt-fvr-5400-3g-4-channel-3g-hdsdi-fiber-optic-transport-card-opengear>)

The VidOptic FVT/FVR-5400-3G is a four channel 3G HD-SDI fiber optic transport card with 4x4 matrix for openGear and is the most cost effective way to transport HD signals while also providing the convenience of a built-in switcher, remote monitoring, and automatic fail-

over protection. These systems are capable of handling SDI rates from 5 Mb/sec to 3 Gb/sec uncompressed with cards that automatically detect the incoming signal, and provide full control over re-clocking and routing. All of the essential card and signal parameters can be seen and manipulated in an easy-to-use graphical interface including reclocking, laser status, temperatures, input/output signal status, and alarms. Unlike copper, an investment in HD-SDI fiber optic infrastructure accommodates bandwidths of Ultra HD, 4K and beyond, future proofing the facility for years to come.

3. [Fiber Optic CATV Cable TV RF Transmitter](#)

(<http://vidovation.com/fct-2300-1310nm-dbf-fiber-optic-catv-cable-tv-transmitter>)

The VidOptic FCT-2300 utilizes a high linearity 1310nm DFB laser, RF power digital automatic process technique, along with RF pre-distortion circuit. The built-in microprocessor monitors the transmitter laser output power and temperature, automatically insuring optimal performance for TV video signal, digital TV signal, telephone voice signal, and data signal long-distance fiber transmission. The VidOptic CATV fiber optic transport system is ideal for extending an existing coaxial RF cable television infrastructure over longer distances or to save money with a single cable TV head-end and connection per campus instead of having a cable connection in every building.

4. [SilverBACK-II Camera-Back Fiber Optic Transceiver](#)

(<http://vidovation.com/silverback-ii-camera-back-fiber-optic-transceiver>)

The VidOptic SilverBack-II camera back supports bi-directional signals for GVG, Hitachi, Ikegami, Panasonic, and Sony cameras used in D-SNG, news, studio, and multi-camera production applications. Milled from a single block of aluminum, each transceiver is small and light weight with LED status indicators for each signal on the front and BNC, XLRs, and multi-pin connectors on the rear for quick integration into an OB van or facility. The VidOptic SilverBack-II transceiver extends the working distance for cameras while affording a significant weight reduction by eliminating the need to carry and handle bulky and heavy triax and coaxial cables.

VidOvation provides high performance HD-SDI and SDI signal transport that meets SMPTE 424M, 292M, 259M, 310M, 344M, 305M and DVB-ASI standards. The [VidOptic line of fiber optic transmission systems](#) (<http://vidovation.com/fiber-optic-transmitters-receivers-links>) are the price – performance leader for connecting SD/HD-SDI, broadband, and RF networks for Broadcast, Media and Entertainment applications.

“We can support distances beyond 40 kilometers using AGC techniques and optical components pathologically optimized for SDI,” said Jim Jachetta, president and CEO of VidOvation. “What’s more, our superior fiber optic system designs and technology offers exceptional video transport stability and reliability that is unaffected by changes in fiber path attenuation due to aging or splicing. Our VidOptic systems are built for critical applications requiring the utmost in long term sustained performance, absolute reliability and long product life.”

About VidOvation

VidOvation - Moving Video Forward - has over 20 years of experience as a leading technology provider delivering video and data communication systems to the broadcast television and sports, corporate audiovisual, and government markets. VidOvation's expertise includes streaming video and webcasting, wireless video communications, video over wired IP and Ethernet networks, CATV and RF video transport over category cable, video over category cable and coax, video and RF over fiber optic cable and fiber optic networks, and fiber-optic cable assemblies. We guarantee a wide spectrum of feature rich products that readily integrate into existing infrastructure and third party systems. For more information go to <http://www.vidovation.com> or call us at 1-855-VIDOVAT(ION) or +1-949-777-5435.