

Press Release

For More Information, Call:

Jim Jachetta, V. P.
1-800-488-8378
1-516-671-7278, Ext. 102
FAX: 1-516-671-3362
jimj@multidyne.com
www.multidyne.com

Release Date: **Immediate**

RGB/UXGA Fiber Link with Ethernet & Data

The RGB-5000-ET RGB/UXGA Fiber Optic Transport Systems with Ethernet and Data is the latest addition to the MultiDyne RGB-5000 Series. Distribute one High Resolution, RGB/UXGA Video signal with 10-BaseT Ethernet and RS232, RS422 or RS485 bi-directional data. The RGB-5000 provides a jitter-free, long haul, transport solution for high-quality, 1900 by 1600, RGB/UXGA via ONE fiber.

Now the user can control the monitor or project from a remote distance. The a high resolution video signal, monitor remote control and network data can now be transported via fiber cable for distances of 200 meters to 40 Kilometers.

The RGB-5000 performs a horizontal gen-lock for a fully synchronous and jitter free high resolution video transport. The system has been upgraded to support a higher quality image at higher resolutions such as 1600 by 1200. The Video and Synch jitter has been reduced to as low as 4 to 5 nano seconds. The net result is a crystal clear image at all resolutions and refreshes rates. The improvements have also extended the operational temperature range to -20 to 60 degrees C.

The RGB-5000 provides a total **analog bandwidth of up to 600 MHz**. The system **1600 by 1200 pixels** are supported over ONE optical fiber. The supports standards include **RGB, XVGA, SVGA, UXGA**, Component and Analog HDTV signals.

The RGB-5000 has a data throughput of **3.125 Giga Bits per second**. **Most systems have a 1.25 Gb/s data throughput with 60% compression.**

The system **automatically detects** the Horizontal and Vertical **Sync configuration** with support for sync on green, CS sync and separate HS and VS sync inputs. The RGB-5000 supports all possible sync configurations with just ONE fiber. **Most systems require up to 5 fibers to support all possible sync configurations.**

Fiber optic transport provides the capability for the separation of a video signal source and the monitor. For example, a computer or imaging device can be in a different location than the monitors. In many applications space is limited in the monitor area. With flat screen technology, very little space is required. The computers or imaging devices can be in another room. Systems are available to transport **RGB video** as well as **audio, keyboard and mouse control**. Application include commodity and stock exchanges, medical and MRI displays, advertising and signs, sporting and concert video displays, video walls, digital cinema, radar displays, air traffic control, military information displays plus many more...

For product information and sales, please call **MULTIDYNE** at **1-(800)-4TV-TEST**, 1-(516)-671-7278, FAX 1-(516)-671-3362 or write to the above address. Visit our **Web Site** at <http://www.multidyne.com> or send **E-Mail** to sales@multidyne.com. **Thank you.**

Please download the full press release at:

<http://www.multidyne.com/pdf/pressRGB5000-ET.pdf>

Photo and images available at:

<http://www.multidyne.com/images/rgb5000withFiber.jpg>

