

## Meridian Technologies Introduces a 16-Channel, Digital Video Fiber Optic Transmission System

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Elmont, New York -- Meridian Technologies announced today its DT/R-16V, a 16-channel digital fiber optic video transmitter & receiver system as a complement to its growing line of digital fiber optic products.

Meridian's DT/R-16V system transmits 16 simultaneous, real-time NTSC, SECAM or PAL compatible video signals over a one multimode or singlemode fiber. Based on Meridian's plug-in function cards, this system can easily be configured to transmit from 2 to 16 channels by simply adding additional video personality cards. At a modest 5" x 5-1/4" x 7", this system is the industry's smallest 16 channel video multiplexing system available. 8-bit digital encoding is standard with 10-bit available as a DT/R-16W model. The DT/R-16V/W system uses standard wavelength multiplexing (WDM) techniques to seamlessly multiplex the 16 real-time video signals. Using singlemode fiber, transmission distances in excess of 80km are achievable.

When incorporated with Meridian's SpectraSmart diagnostic network management system, this product offers unprecedented capabilities in not only video transmission but also in continuously monitoring the integrity of each of the video signals and associated equipment for superior troubleshooting capability and technology.

"Meridian's 16-channel video transmission system highlights the packaging density and performance characteristics that Meridian has been known for since its inception. Coupled with SpectraSmart, this product sets a new standard for video transmission and network management", states Manny Patel, Meridian's Chief Operating Officer.

Applications for these products include security/surveillance, Intelligent Transportation Systems (ITS), Broadcast, and Pro-video markets.

### About Meridian Technologies

Meridian Technologies provides fiber optic transmission products for a variety of security, surveillance and access control applications. Established in 1990, Meridian is a recognized leader in fiber optic communications equipment and has provided equipment solutions for a wide variety of commercial, industrial, government and military customers both domestic and international.

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