

Meridian Technologies Introduces a Multi-Channel Digital Video w/Coaxial Return PTZ Control Data Fiber Optic Transmission System

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Elmont, New York -- Meridian Technologies announced today its DT/R-4V/4P, a 4-channel digital fiber optic video/data transmitter & receiver system as a complement to its growing line of digital fiber optic products.

Meridian's DT/R-4V/4P system transmits up to 4 simultaneous, real-time NTSC, SECAM or PAL compatible video signals along with individual coaxial PTZ camera control over a one multimode or singlemode fiber. This represents the first commercially-available fiber optic transmission product with multiple video and return coaxial PTZ control signals over a single fiber for extended flexibility and signal density. Using wavelength-multiplexing techniques, the number of channels can be increased to 16.

At a modest 5" x 5-1/4" x 7", this system is the industry's smallest 4 channel video/data multiplexing system available. 8-bit digital encoding is standard with 10-bit available as a DT/R-4W/4P model. Models are available that are compatible with all manufacturers' 'up-the-coax' PTZ control data camera products.

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.

"This new Meridian product removes the limitation of a single fiber per channel control system for CCTV systems with coaxial PTZ control data. Having multiple camera & control signals over a single fiber increases the signal density and can significantly reduce the system complexity and cost - something that Meridian pays very close attention to ", states Manny Patel, Meridian's Chief Operating Officer.

Applications for these products include multi-camera 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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