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**American Fibertek Showcases Expanded Fiber Transmission Solutions  
With Advanced Functionality At ISC West 2010.**

*New Offerings Designed For IP, Analog And Hybrid Video Surveillance Systems.*



Las Vegas, NV (March 24, 2010) – American Fibertek, Inc. (AFI) is unveiling a host of new products to complement the company’s comprehensive line of fiber optic transmission solutions designed specifically for video surveillance and security applications here at ISC West 2010. Highlights include new video transceivers with features like 10-bit digital video transmission, integrated digital fiber optic and UTP transceivers, enhanced Ethernet transceivers, bi-directional communications, multi-channel capacity for video with data, Ethernet and audio with remote monitoring capabilities, as well as unique new contact closure systems that do not require any soldering.

“System designs from AFI that utilize fiber optic infrastructure will deliver the fastest and most reliable performance at an affordable price.” said Jack Fernandes, President and CEO of AFI. “Building on our core competencies of fiber optic technologies, these new additions offer a greater variety of transmission tools that are essential for today’s advanced IP, analog and hybrid video surveillance and security installations.”

**New fiber optic transmission products introduced at ISC West 2010 include:**

**46 Series** - 3 port mini switches for hardened Ethernet communications. Using the latest in Ethernet switching technology, these units provide reliable hardened communications over a network. Each switch supports two copper and one fiber connection. All connections operate at 10/100Mb/s and allow transmission of more than 2 Km on multimode fiber cable. Field modules are 12 VDC and the power supplies are shipped with each module. Units can be supplied as single or dual fiber units.

**48 Series** - 3 port mini switches for hardened Ethernet communications. Using the latest in Ethernet switching technology, these units provide reliable hardened communications over a network. Each switch supports two copper and one fiber connection. All connections operate at triple speed 10/100/1000Mb/s and are self configurable. Units can be single mode or multimode and can be supplied as single or dual fiber units.

**49 Series** - 4 port mini switches for hardened Ethernet communications. Using the latest in Ethernet switching technology, these units provide reliable hardened communications over a network. Each switch supports two copper and two fiber connection. All connections operate at triple speed 10/100/1000Mb/s and are self configurable. Units can be single mode or multimode and can be supplied as single or dual fiber units. These units are ideally suited for drop and insert or self-healing ring applications when integrated with the AFI Commander network communications center.

**91P899 Series** - transmits and receives simultaneous video, bidirectional audio and two bidirectional contact closure channels over 1 multimode or single mode optical fiber. The system is customized to provide both “plug & play” and a transparent interface with the Aiphone video/intercom security system.

**484 Series** transmits and receives one simultaneous channel of data up to 2 Mb/s over 1 or 2 multimode or single mode optical fibers. The system is comprised of two transceivers forming a point-to-point communications link. It is completely transparent to data protocol and can be configured as RS-485 (2 or 4 wire) or RS-422.

**81/82SL Series 8 and 16 Channel Contact Closure Systems** - available in single mode and multimode configurations, and are unique in that they do not require any soldering. The 81/82SL Series are compatible with AFI's Afinety firmware-driven monitoring system to access the status of any AFI digital fiber optic system and the accompanying connected cameras using a standard web browser.

**940 UTP 2 Series** - transmits 8 channels of high-quality digitized video with 2 multimode or single mode optical fibers. The video input / output connections utilize RJ-45 connectors. The single fiber MT-940-UTP transmitters are also compatible with MRR-940-UTP-2F receivers and are completely transparent to all camera and monitor manufacturers.

**986 UTP / 986 SL UTP Series** - transmits 8 channels of high-quality digitized video with 1 channel of multi-protocol data and 1 bi-directional contact on one multimode or single mode optical fiber using WDM technology. The video input / output connections utilize RJ-45 connectors and are completely transparent to all camera and monitor manufacturers.

**91600 Series Fiber Multi-Channel System** - provides 16 channel input and output of 10 bit digitized video over one multimode fiber at a very low installed cost. Offers completely transparent operation with any manufacturers' cameras and monitors and does not require any field adjustments at installation or thereafter. The units also feature diagnostic indicators to provide instant visual status indication and interface with AFI's Afinety remote monitoring system.

**91685 Series Fiber Multi-Channel System** - provides 16 channel input and output of 10 bit digitized video over two channels of multi-protocol data on one multimode fiber at a very low installed cost. Offers completely transparent operation with any manufacturers' cameras and monitors and does not require any field adjustments at installation or

thereafter. The units also feature diagnostic indicators to provide instant visual status indication and interface with AFI's Afinity remote monitoring system.

**94887SL Series Multi-Channel Transceivers** - feature 48 channels and transmit 10-bit digitized video with bi-directional Ethernet, multi-protocol data, bi-directional contact closures and bi-directional audio over a single mode optical fiber. The series offers completely transparent operation with any manufacturer's cameras and monitors and does not require any field adjustments. The 94887SL Series is also compatible with AFI's Afinity remote monitoring system.

**For more information call 877-234-7200, e-mail [sales@americanfibertek.com](mailto:sales@americanfibertek.com), or visit [www.americanfibertek.com](http://www.americanfibertek.com).**

**About American Fibertek, Inc.**

American Fibertek, Inc. is a leading supplier of innovative fiber optic and IP communication transmission solutions for video, voice and data applications. With two decades of experience in signal transmission, American Fibertek, Inc. has a renowned history of innovation in fiber optic and now IP devices for advanced video surveillance systems. Included in this is the continued development of advanced systems like Afinity and Scout that monitor installation performance and guarantee network continued operation.

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**\*EDITORS' NOTE:** Electronic files and photos are available upon request by emailing Jennifer McCarthy at LRG Marketing Communications [jmccarthy@lrgmarketing.com](mailto:jmccarthy@lrgmarketing.com).