

Infinova Implements 8 Expressways in China's Shanxi Province

MONMOUTH JUNCTION, NJ - June 8, 2011 - Infinova today announced that 2,870 Infinova cameras of varying types are covering 830 km (516 miles) of expressways throughout the northern province of Shanxi in China. Expressways include Shangman, Xihan, Baoni, Weipu, Shangjie, Baomao, Tongxi and Zhong'nan Mountain Tunnel. Besides Infinova cameras, the implementations also include Infinova matrix switchers, DVRs, fiber optic transceivers and modems, housings, Ethernet modems and other Infinova equipment.

"These complex installations show how obtaining equipment, from the cameras with several types of transmission technologies, to the DVRs, from the same vendor can make implementing such systems easier," emphasizes Mark Wilson, Infinova vice president, marketing. "For instance, the Shangman Expressway is integrated with 136 sets of Infinova WDR (Wide Dynamic Range) plus dome and high-speed PTZ cameras as well as matrix switchers. The Xihan Expressway features the same cameras plus 260 pairs of fiber optic modems."

The WDR cameras are featured throughout the Expressways. For example, the Zhong'nan Mountain Tunnel, at 18 km (11 miles) the longest tunnel in China, uses 305 of them to view through the low-light and illumination within the tunnel. WDR cameras offer decisive superiority over CCD cameras, providing a higher signal to noise (S/N) ratio, improved color rendering and better image quality, yielding excellent video for the various Expressway surveillance sites, all of which require detailed images under extremely difficult lighting conditions.

Surveillance systems used on the Expressways differ from traditional CCTV systems. The highway systems have decentralized edge sites, distributed along the expressways, all of which need to stand up to weather extremes, temperature fluctuations and the other rigors of an outdoor environment. Due to the long distances, transmission quality is a challenge and fiber is the best choice for these intelligent transport systems (ITS). To assure reliability, both node fiber optic modems and video encoders/decoders are deployed.

The use of a node fiber optic modem greatly reduces the engineering costs of an expressway surveillance system. Also called a bus digital fiber optic modem or link type digital fiber optic modem, the video transmission system is networked through one or two fibers. Deploying a standard Time Division Multiplex (TDM) and an Add/Drop Multiplex (ADM) approach, the node fiber optic modems save fiber resources and extend transmission distances.

Infinova also has installed similar ITS systems throughout other areas of China.

Infinova recently announced that it has gone public, raising (US) \$300 million, which it will use to grow both organically and through acquisitions.

More information on Infinova video systems is available by going to www.infinova.com.

About Infinova

With solutions that enable end-users to extend the life of their existing analog equipment by having it co-exist with their new IP video equipment, Infinova provides core equipment for video control rooms, megapixel, IP and analog surveillance cameras, specialized cameras, fiber optic communications products and customized systems. Infinova is acknowledged for its exceptional customer service programs as "the integrator's manufacturer."