Network-Based High-Speed Camera

Features

• High resolution (1280 x 1024 pixels)
• High frame rate (up to 500 frames per second at full resolution)
• Provides RS-170A video with use of the nMGR-2000
• Rugged, lightweight and miniature size
• IEEE 1588 for time synchronization and timestamp support
• Circular buffer for pre-event and post-event image capture
• 100/1000BASE-T Ethernet
• Available with color or monochrome sensor

Description

The TTC high-speed nHSC-36-S1(M)-1 camera design provides a unique solution for applications where space is at a premium, including airborne, automotive and ground testing.

The nHSC-36-S1(M)-1 camera is a networked high-speed camera that is capable of 500 frames-per-second operation. The camera requires integration with nMGR-2000 camera manager to provide system configuration, download and storage of recorded frames, and video preview and post view. The camera easily integrates into a system with other TTC network equipment including network switches, recorders, the CCP-2X00 camera control panel and the nMGR-2000 high-speed camera manager.

The nHSC-36-S1(M)-1 camera is configured using TTCWare software and the recorded images can easily be extracted from the recording for data analysis.

Applications

• Airborne separation testing
• Missile launch
• Ballistics testing
• Explosives testing
• Projectile tracking
• Component testing
• Vehicle testing
• Materials testing