

Network-Based High-Speed Camera with Optional Built-in Recorder



Applications

- High-speed film camera replacement
- Component testing
- Vehicle testing
- Materials testing

Features

- High resolution (1280 x 1024 pixels)
- High frame rate (up to 500 frames per second at full resolution)
- Optional built-in CompactFlash recorder
- Provides RS-170A video and data/clock output for image preview
- Rugged, lightweight and miniature size
- IRIG AC, DC or IEEE 1588 for time synchronization and timestamp support
- Real-time clock timestamp support
- Circular buffer for pre-event and post-event image capture
- 100/1000BASE-T Ethernet
- 28V power

Description

The TTC high-speed nHSC-3X-S Series camera design provides a unique solution for applications where space is at a premium, including airborne, automotive and ground testing.

The nHSC-3X-S Series camera is a standalone and/or networked high-speed camera that is capable of 500 frames-per-second operation. The camera optionally includes an integrated CompactFlash recorder to allow easy removal of critical post-test data. It also provides integrated video preview and easily integrates into a system with other TTC network equipment including switches, recorders and the nMGR-2000-1 high-speed camera manager.

The nHSC-3X-S Series camera is configured using TTC's TTCWare software. The images that are stored in the camera's memory are transferred to a PC and converted to industry standard image formats.

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nHSC-3X-S Series Datasheet

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Specifications subject to change without notice.

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