FireCube Jr.

Speed is the Essence

The FireCube Jr. combines the power and performance of modern camera and computer technology with the advantages of high speed FireWire connectivity. The FireCube Jr. provides a direct hardware trigger input for each camera. Other discrete digital I/O functions are available through the serial port. Upgrade from FireCube Jr. to FireCube if additional local digital/discrete I/O's are required.

Here's what we put into this little powerhouse:

- The world's best machine vision software (NeuroCheck), with virtually every imaginable machine vision tool and capability.

- 1, 2, or 3 FireWire cameras, color or grayscale, standard or high resolution.

- Internal storage for 60,000 full-sized, standard, bitmap images or 200,000 NeuroCheck inspection programs.

- Removable high-capacity read/write media.

- Up to 105 fps frame rate, plus parallel processing capability

- 2.4GHz processing

- Full PC and Windows architecture

- Direct separate hardware trigger (with independent image storage) for each camera, even on multi-camera systems.

- I/O through serial port. Conditionally create and send spreadsheets and images

- Full PC/Windows architecture Ethernet port.

Standard Specifications:

Intel P4 2.4 GHz CPU
(4) USB Ports
(1) RS-232 Serial Port
(1) Fast Ethernet Port
(2) IEEE 1394 FireWire Camera Ports
CDROM/DVD Drive

Windows 2000 or XP Professional Operating System
PS/2 Keyboard & Mouse

Dimensions (without cameras):
2.3" X 10.7" X 7.3" (including flanges)

FSI Machine Vision

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