

FIRECUBE™

PERFORMANCE SECOND TO NONE

The FSI FireCube combines the power and performance of modern camera and computer technology with the advantages of high speed Fire Wire connectivity. Integrating NeuroCheck with this small form factor unit provides reliability, ease of use, and an exceptionally high degree of standardization. The FSI FireCube offers cutting-edge digital image reproduction that gives users an unbeatable combination of NeuroCheck and clear, sharp images. The system can be configured for color or monochrome, area or line scan image processing.

The IEEE 1394 bus provides for intelligent camera control, since NeuroCheck and the camera communicate directly, changes to camera set-ups can be performed instantly without the need for hardware switches or modifications.

The FSI FireCube offers state of the art performance when compared to traditional intelligent sensors. This unit is available with up to 3 cameras.

Modern camera technology provides extremely low-noise picture quality with high clock rates for high-speed applications. The unique size and affordable accessories make this a highly flexible solution for shop-floor deployment.



The functional aluminum housing of the FSI FireCube with its integrated heat pipe cooling system is suitable for stand alone operation on the shop floor or for control cabinet mounting. The FireCube contains the latest communication standards including Digital I/O, RS232, and Ethernet support for direct PLC communication and statistical reporting. Multiple FireCubes can be networked to provide factory-wide quality control. Results can be delivered on a shift-by-shift basis directly to a specified computer in the organization allowing immediate access to SPC and functional data.



Specifications and Available Features:

Intel P4 3.0 GHz CPU w/ Hyper-Threading
(4) USB 2.0 Ports
(2) RS-232 Serial Ports
(1) Parallel Port
(1) Fast Ethernet Port
(3) IEEE 1394 FireWire Camera Ports
(32) Digital I/O

Windows 2000 or XP Professional Operating System
Aluminum Chassis
Heat-pipe cooling technology
Intel 845GE, performance 256-bit 3D video engine
PS/2 Keyboard & Mouse
Small Form Factor 8"X 8"X 13"
CD Burner & Floppy Drive



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