

G6 Upgrade

for Prism® and Prism®2

Empowering the Future of Sorting

From the company that delivered five generations of the best sorters in the world comes a new way to keep your sorters at their peak performance with the latest cutting-edge technology: G6.

As the newest generation of electro-optical technology, G6 dramatically extends the life of your sorting investment. As new developments become available, G6 allows you to upgrade applicable modules; not replace the whole sorter, and ensures maximum long-term ROI.



G6 is:

- The electro-optical foundation for all Key® sorters
- The eye/brain replacement for prior technology
- Powerful
- Modular
- Easy to operate
- Self-aware
- Uniquely upgradeable

G6 Features

Acute Vision

Advanced color, mono and Vis/IR cameras capture up to 8,000 scans per second, providing new capabilities for dimensional gauging and detection of small defects. Camera Link ensures image signal fidelity.

Upgradeable Brainpower

The G6 image processor, with Key's own 3,000,000-gate chipset technology, is the brains of the system. Because it's field-programmable, it allows upgrades without module replacement.

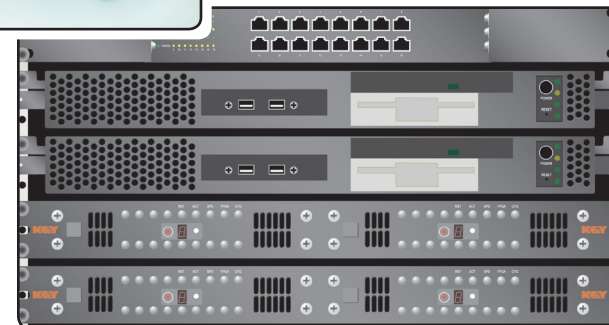


Room for More

The G6 Digital Signal Processing CPU is designed with substantial processor overhead to carry out image processing instructions. It uses Pentium® muscle and FireWire® connectivity to ensure secure, scalable performance gains for years to come.



Prism²



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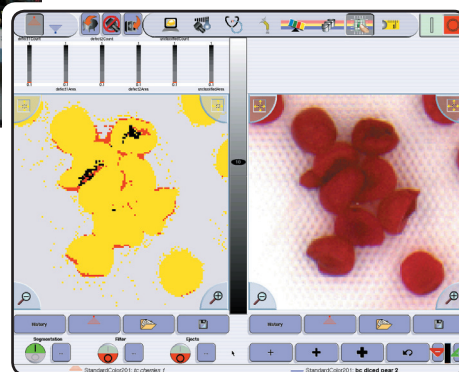
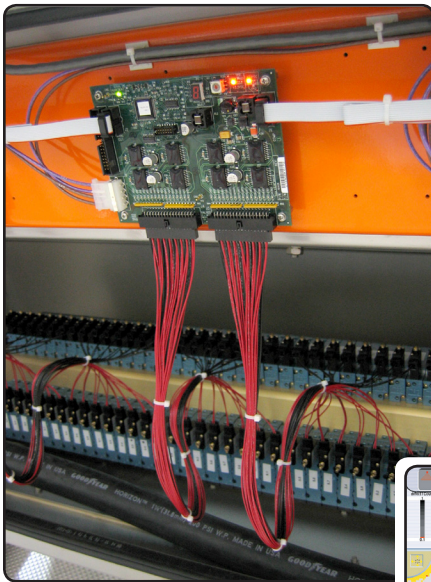


Reliable Uptime

Sophisticated and “self-aware,” G6 sorters pack real-time and on-demand diagnostics for fast, specific fault isolation. You avoid costly downtime.

Connectivity

Operate at the machine, your desk-top, or the other side of the world—G6 has the most “virtual” graphical user interface available, with an intelligent, easy-to-use operating system and application software in charge.



G6 Advantages

- Extends the life of the sorter
- Maximizes long-term ROI
- Far less costly than replacing the sorter
- Vision system can be upgraded as needed
- Advanced Camera Link cameras
- Much faster computer
- Field-programmable image processor
- Real-time diagnostics
- User friendly interface
- Common operating system on all platforms

G6 Upgrade Includes:

The stand-alone Prism® control module is completely replaced with a newly designed upgrade module and interconnect cable. Both Prism® and Prism®2 upgrades include:

- Camera Link cameras
- User interface computer
- Digital signal processing computer
- Image processing modules
- Ejector controller modules
- Ejector drivers
- Interface software



Prism®



G6 Control Module

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