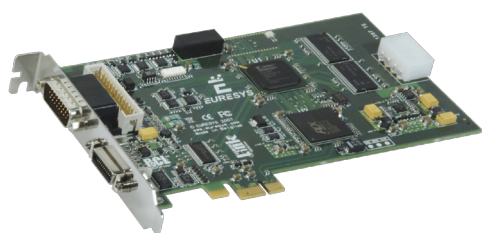


Grablink Express

Single Channel PCI Express® PoCL™ Frame Grabber



Features

- PCI Express® x1, full-height, half-length
- Full support of area scan cameras: asynchronous reset and exposure control
- Camera Link® Base configuration: 24-bit @ up to 85 MHz
- PoCL (Power over Camera Link) safe power compliant
- Asynchronous reset, exposure control and I/O lines -trigger & strobe
- 32 MB frame buffer
- Simple and reliable line scan acquisition, ADR Technology™

Applications

- Quality control
- Semiconductor inspection
- On-the-fly image acquisition
- PCB inspections
- FPD inspections
- High frame rate image acquisition

Software Support

- EasyMultiCam is the unique driver which serves the Pico, Domino, and Grablink series frame grabbers.
- The EasyMultiCam driver runs under Microsoft Windows 2000®, XP®, Server 2003®, Vista®, and Linux Kernels 2.6.18 and 2.6.24.

Ordering Information

- **Grablink Express**
Single channel PCI Express® PoCL™ frame grabber

Accessories

Cabling

- **PoCL Cable**
5 M, Power over Camera Link cable
- **Camera Link Cable**
5 M, robot type

Introduction

The Grablink Express is at the cutting-edge of the Camera Link® technology through the compliance with the new standard 1.2 including PoCL (Power over Camera Link). It allows a single Camera Link cable to supply power to the camera, on top of transferring high-speed images and controlling the camera. The Grablink Express PoCL frame grabber interfaces the smallest and fastest cameras on the market while still being safely compatible with cables and cameras from the previous Camera Link standards. It also incorporates ADR Technology™ to provide perfect digital images to color applications.

ADR Technology™ (Please refer to page 2-11 for details.)

ADR (Advanced Downweb Resampling) is the ultimate method for digital acquisition from line-scan cameras at a variable web speed. Unique advantages of ADR are:

- ◆ Acquisition from shutterless cameras
- ◆ Improved Image quality
 - Permanent camera exposure and complete use of the resulting information
 - Fixed Pattern Noise due to electronic shutter is avoided
- ◆ System reliability compatible with industrial needs

PoCL Technology™

The Power over Camera Link standard specifies how to supply power to the camera through the Camera Link connector without losing backward compatibility with the previous Camera Link standard.

- ◆ Conventional and PoCL cameras and cables supported
 - Over-Current Protection and Over-Voltage Protection circuits

