

IEEE-1394b ExpressCard®

FWB-EC-2PORT



POINT GREY
RESEARCH

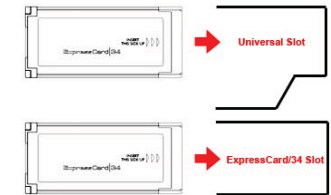
- ExpressCard interface for laptops
- LSI Logic® PCIe 1394b Link/PHY chip
- Two 800Mb/s 1394b ports
- Supports 80MB/s data transfer
- Acquires images from up to 8 cameras

The two port IEEE-1394b ExpressCard is ideally for multiple camera arrays or high data rate applications that require fast and reliable data transfers into the host system.

The bus allows simultaneous image acquisition from up to 8 cameras, and total data throughput of 80MB/s, using a single card. The FWB-EC-2PORT effectively leverages the x1 PCIe link to increase throughput and minimize latency, and deep isochronous FIFO's minimize the possibilities of data loss due to overflows.



Part Number
FWB-EC-2PORT



Notebook equipped with ExpressCard/34 or universal slot

FEATURES

- Two (2) bilingual 1394b 9-pin ports
- Supports 100, 200, 400 and 800Mb/s transfer rates
- Supports eight-user programmable traffic classes
- Supports PCI Express clock power management
- Supports all link power management states and active power state
- Cycle master and isochronous resource manager capable
- Deep 8 Kbyte isochronous and asynchronous transmit/receive FIFO's
- OHCI 1.2 draft specification for 1394b-2002 PHY full operational compliance
- OHCI 1.0 backwards compatible
- Walkman-type 1.3mm DC Jack power connector; center-positive.
- Bilingual P1394b cable ports
- RoHS, FCC and CE compliant

COMPATIBILITY

- All Point Grey 1394 camera products
- All Point Grey FirePRO™ products
- Microsoft Windows XP/2000/2003/Vista, Linux, Mac OS X

Note:

- Requires external 12V 1.25A(15W) wall mount power supply (Part Number ACC-01-9003) or externally powered FirePRO hub (e.g. Part Number FWB-HUB-5PORT) to power cameras
- More than one (1) cable connector cannot be used simultaneously due to size restrictions

