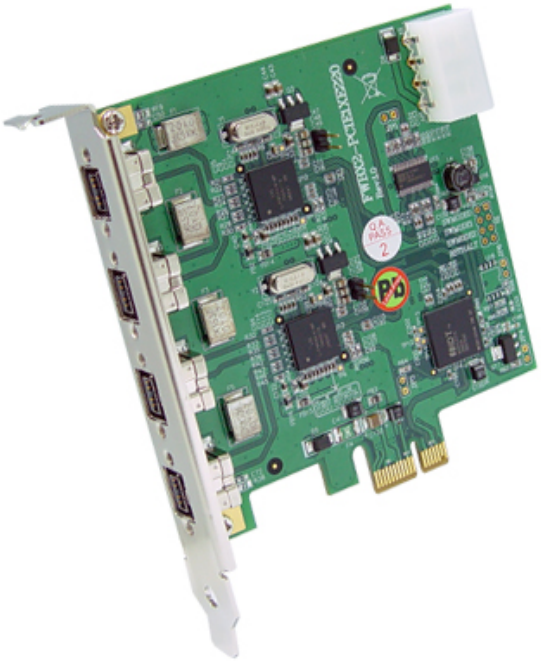
FWB-PCIE1xE220



1394b DUAL BUS PCI Express adapter with FOUR ports.

IOI's **dual 1394b bus** PCI Express adapter with four 1394b connectors offers users the ability to directly connect up to 16 cameras to their PC in a very simple way.

This PCI Express card is ideal for fast and reliable data transfers into the host system particularly in applications with multiple cameras or high data rates.

Highlights

- Dual 1394b buses (OHCI 1.2 draft compliant)
- 4 bilingual 1394b ports with locking screw holes
- Eight isochronous transmit/receive contexts per bus
- Supports 100, 200, 400 and 800MB/s transfer rates
- 2.5 Gb/s burst rate of 1-lane PCI Express bus in both directions
- Backward compatible with 1394a (2000)
- Complies with PCIe base specification 1.1
- Compatible with all AVT Software Packages[1]
- Easy plug & play, no driver required
- Internal IDE 4-pin DC power connector
- RoHS, CE and FCC compliant

[1] For details refer to the corresponding releases

ALLIED VISION TECHNOLOGIES GMBH
Taschenweg 2a | D-07646 Stadtroda | Germany
Phone: +49 36428/677-0 | Fax: +49 36428/677-24
www.alliedvisiontec.com | info@alliedvisiontec.com

Technical Specifications

Feature	Description
Adapter type	Four port dual 1394b bus card with PCI Express interface
PCI Express chipset	IDT: 89HPES3T3
1394b chipset	2x LSI Logic FW643 PCI Express 1394b link/PHY chip
Interface	PCI Express, 1 lane
Ports	4x 1394b
Speed	100, 200, 400, 800 Mb/s transfer rate
DMA	8x isochronous transmit/receive contexts per bus
Compliance	RoHS Directive (2002/95/EC), CE, FCC
Operating temp.	+5°C… 50°C
Dimensions	100 mm x 110 mm
Mass	68 g
External power in	IDE big 4-pin cable adapter +12V included

Ordering information:

FWB-PCIE1xE220	Dual OHCI FireWire (4x IEEE 1394b) to PCI Express Host Adapter	K0000385

Cable options:

Cable 1394b screw lock	IEEE1394b; (2x screw lock), 7.5m	K1200308
Cable 1394b angled left	IEEE1394b; angled left camera side , (2x screw lock), 7.5m,	K1200295
Cable 1394b angled right	IEEE1394b; angled right camera side, (2x screw lock), 7.5m,	K1200300

Notes:

Please contact your local dealer for further cable lengths and variants!

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Design and specification of the described product(s) are subject to change without notice.

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