

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

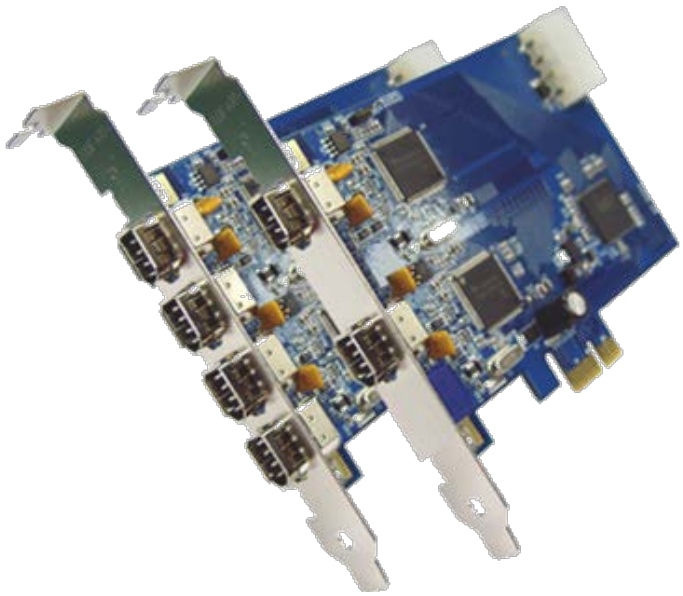
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

1394

FWX2-PCIE10



RoHS Compliance

1394a dual bus PCI Express adapter with two or four ports.

IOI's dual 1394a bus PCI Express adapter with either two or four 1394a connectors offers users the ability to directly connect up to four cameras of its long range of 1394a cameras to their PC in a very simple way. Compared to single 1394a bus per card solutions, users save one slot in their system. PCI Express bandwidth of up to 250 MByte/s[1] ensures low latency transmission of the up to 2x 32 = 64 MByte/s of video data at full speed from AVT's Marlin, Guppy and Oscar cameras.

Highlights

- Up to 2x 32 = 64 MByte/s bus video bandwidth
- Compatible with IEEE 1394a (2000)
- Easy plug & play, no driver required
- Compatible with all AVT 1394a cameras
- Compatible with all AVT Software Packages[2]
- Power in connector to supply power
- Clamp locking for 1394a dual port possible

[1] Practical bandwidth is lower and dependent on individual systems/software conditions. Mega = 1.000.000

[2] 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

ALLIED Vision Technologies

Technical Specifications

Feature	Description
Adapter type	Two/four port dual 1394a bus card with PCI Express interface
PCI Express chipset	PLX Technologies: PEX8111-BB66BC
1394 chipset	2x TI TSB43AB22A (integrated link/phy)
Interface	PCI Express, 1 lane
Ports	2x or 4x 1394a, supplying bus power (max. 1350 mA) per port
Speed	100, 200, 400, Mbps transfer rate
Bandwidth	2x 50/40/32 MByte/s at 400 Mbps (gross/net/video)
# cameras (DMA's)	up to 2x 4 (External hubs for more than 4 required)
OS support	Windows XP, 2003, 7; Linux 2.4.x/2.6.x (on request)
Compliance	FCC, CE, RoHS Directive (2002/95/EC), WEEE Directive (2002/96/EC)
Power	12 V – 32 V DC, supplying bus power, max. 1500 mA
Operating temp.	+5°C… 50°C
Dimensions	110 mm x 120 mm
Mass	75 g
External power in	13 V – 32 V DC (big IDE 4-pin cable adapter included)
Options: cables	copper cables various lengths, with or without clamp locking at both sides, sold separately

Ordering information:

FWX2-PCIE10-2	Dual OHCI FireWire (2x IEEE 1394a) to PCI Express Host Adapters	K0000344
FWX2-PCIE10-4	Dual OHCI FireWire (4x IEEE 1394a) to PCI Express Host Adapters	K0000345

Cable options:

Cable -2x Interlock	IEEE1394a; (2x Interlock) 4.5 m, for Marlin / Oscar / Guppy	K1200064
Cable -2x Interlock	IEEE1394a; (2x Interlock) 10 m, for Marlin / Oscar / Guppy	K1200163
Cable -2x Interlock	IEEE1394a; (2x Interlock) 12.5 m, for Marlin / Oscar / Guppy	K1200165
Cable -2x Interlock	IEEE1394a; (2x Interlock) 17.5 m, for Marlin / Oscar / Guppy	K1200162
Cable -1x Interlock	IEEE1394a; (1x Interlock) 3.0 m, for Marlin / Oscar / Guppy	K1200167
Cable -1x Interlock	IEEE1394a; (1x Interlock) 4.5 m, for Marlin / Oscar / Guppy	K1200091
Cable -1x Interlock	IEEE1394a; (1x Interlock) 6.0 m, for Marlin / Oscar / Guppy	K1200160
Cable -1x Interlock	IEEE1394a; (1x Interlock) 7,5 m, for Marlin / Oscar / Guppy	K1200212
Cable -1x Interlock	IEEE1394a; (1x Interlock) 10 m, for Marlin / Oscar / Guppy	K1200159

Notes:

Cable locking at card side is not possible with four port card due to narrow spacing of ports (use 1x Interlock).
Cable locking at card side is possible with two port card. (use 2x Interlock).
Molex clamp locking (aka Interlock) is suitable for AVT Marlin, Guppy, Oscar.

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

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

© 10/2012

ALLIED Vision Technologies

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP