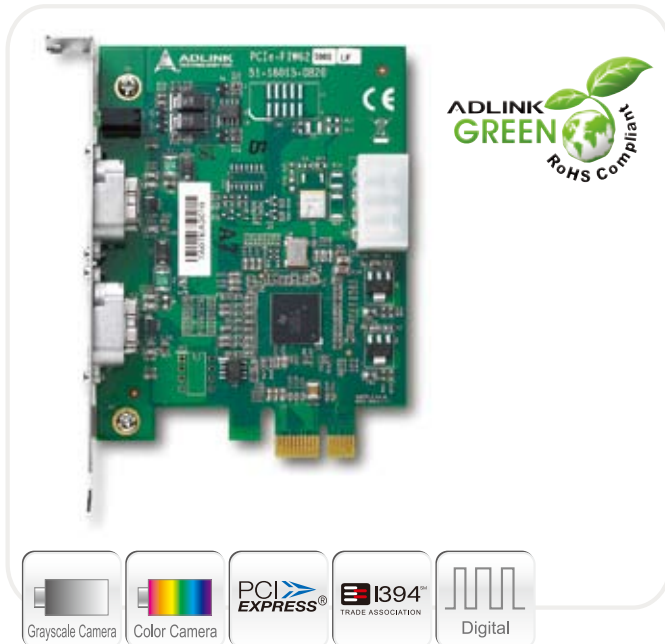


PCIe-FIW62

2-CH PCI Express IEEE 1394.b Frame Grabber •



Features

- 2-CH IEEE 1394.b (FireWire 800) ports
- PCI Express x1 compliant
- High-speed image transfer rates up to 800MB/sec
- Industrial screw lock connector
- Channel status LEDs
- Power supplied to the IEEE 1394.b connectors

Introduction

The PCIe-FIW62 is an IEEE 1394.b (FireWire 800) interface card which provides 2 high-speed FireWire 800 ports with data transfer rates up to 800MB/sec on a PCI express x1 lane.

The PCIe-FIW62 provides two direct-connect IEEE 1394.b bilingual connectors with a screw-lock mechanism. These screw-lock connectors provide a reliable connection between the PCIe-FIW62 and up to two IEEE 1394.b cameras.

A 4-pin ATX power connector on the PCIe-FIW62 supports IEEE 1394.b cameras that draw power directly from the frame grabber. Each port has a green LED on the front panel that will illuminate when the PCIe-FIW62 is connected to a IEEE 1394b camera for convenient identification of channel connection status.

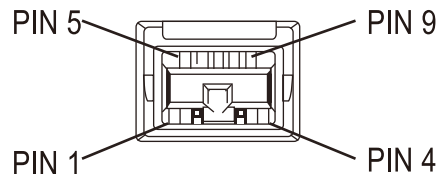
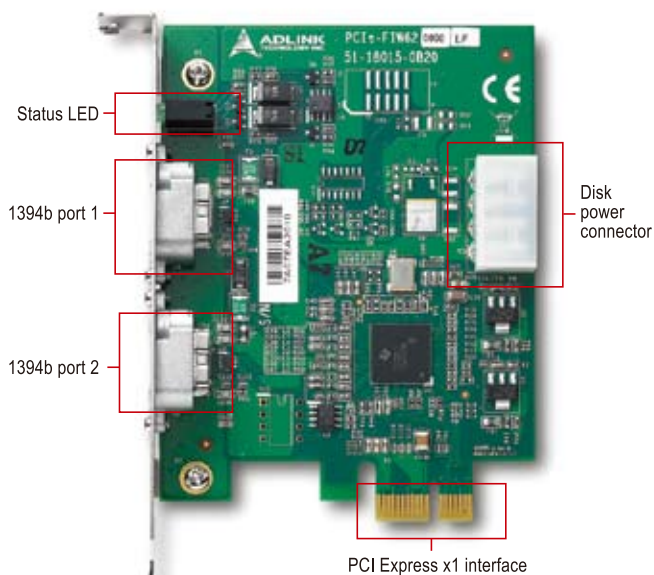
Specifications

Channels	2
Video input	IEEE 1394.b
Safety compliance	CE/FCC, RoHS
Connector	9-pin IEEE 1394.b connector with screw
Bus	PCI Express x1 lane
Status LEDs	2
Dimensions	78.6 x 111.2 mm
Power	0.22A@+3.3V
Consumption	Power Provided to IEEE 1394 Connection, 1A@+12V / p port (over current protection)
Software	Supports Windows XP/Vista/32

Ordering Information

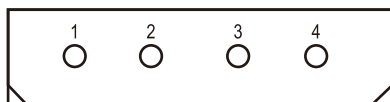
PCIe-FIW62	2-CH PCI Express x1 IEEE 1394.b interface card
1394.b Cable	5-meter IEEE 1394.b 9-pin cable with screw-lock connector

Connectors and pin definitions

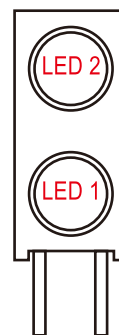


Pin number	Pin definition	Function
1	TPB-	Twisted Pair B, Minus
2	TPB+	Twisted Pair B, Plus
3	TPA-	Twisted Pair A, Minus
4	TPA+	Twisted Pair A, Plus
5	TPA(R)	Ground, Twisted Pair A
6	VG	Power Ground
7	NC	No Connection
8	VP	Power Voltage
9	TPB(R)	Ground, Twisted Pair B

Table 2-1 1394b pin define



Pin number	Pin definition	Function
1	+5V	+5 Voltage
2	GND	Ground
3	GND	Ground
4	+12V	+12 Voltage



LEDNo.	Function
LED1	Port1active
LED2	Port2active



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