

LINDY® 1394

Lindy 70904



Your universal 1394a CardBus adapter for your laptop.

Lindy's 70904 CardBus adapter offers users the ability to connect AVT's cameras such as Marlin, Dolphin, Guppy or Oscar to their laptop in a very simple way. 32 Bit CardBus theoretical bandwidth¹ of up to 132 MByte/s ensures low latency transmission of the up to 32 MByte/s of video data at full speed from AVT's cameras. Three 1394a connectors allow the direct connection of up to three 1394a cameras. A power plug supplies power to the bus and the cameras. This makes this CardBus adapter ideal for applications with laptops.

Highlights

- Fully compliant with PCI 2.x at 3.3 V and 5 V signalling environment
- Supports 33 MHz 32 bit specification
- Up to 132 MByte/s transfer bandwidth
- Up to four cameras (DMA's) parallel acquisition (bandwidth sharing)
- Compatible with IEEE1394a (2000)
- 1394a data transfer rate up to 400 Mbit/s
- Easy plug & play
- Supports Windows and Linux
- Compatible with all AVT 1394a cameras
- Compatible with
 - AVT FirePackage
 - AVT Fire4Linux (on request)
 - AVT Direct FirePackage (on request)
- Power in connector to directly supply power to the 1394a bus

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

Technical Specifications

Feature	Description
Adapter type	1394a/b type II 32 bit CardBus
1394 chipset	VIA VT6306L
Interface	PCI 2.x
Ports	3x 1394a, supplying bus only power (1500 mA max.) when externally powered
Speed	100, 200, 400 Mbit/s transfer rate
Bandwidth	50/40/32 MByte/s at 400 Mbit/s (gross/net/video)
# cameras (DMA's)	Up to 4 (External repeater for more than 3 required)
OS Support	Windows NT4.0, 2000, XP, 2003, Linux 2.4.x/2.6.x (on request)
Compliance	FCC, CE, RoHS Directive (2002/95/EC), WEEE Directive (2002/96/EC)
Dimensions	55 mm x 118 mm
Mass	60 g
External power in	12 V – 36 V DC (Walkman-type 1.38 mm DC Power Jack (+) at pin)
Operating temp.	+5°C... 50°C
Compatibility	AVT FirePackage, AVT Direct FirePackage (on request), AVT Fire4Linux (on request)
Options: cables	various lengths, with or without locking on one side, sold separately

Ordering information:

PCMCIA Triple Adapter IEEE1394a	PCMCIA IEEE1394a, 3x6-pin connector, power supply (12 V, 1.25 A)	E3000072
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Cable-Options:

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:

CardBus card does not supply power without external power supply.

Locking is not possible at CardBus adapter side due to port spacing.

Molex clamp locking is suitable for AVT Marlin, Guppy and Oscar.

Please consult AVT or your local dealer if you require locking connector for Dolphin or third party cameras.