

Subject: Compliant list for Baumer FireWire™ IEEE1394b Cameras

Abstract/ brief description:

The following listed equipment has been tested with Baumer FireWire™ Cameras. The tested PC configurations, PCI boards as well as accessories performed within the specification without any limitation in the data transfer FireWire™ camera to the PC configuration.

Index

Index	1
1 Test platforms.....	2
1.1 Tested standard PCs	3
1.2 Tested Laptops	4
2 IEEE1394b FireWire™ interface.....	5
2.1 Tested PCI boards	5
2.2 Tested PCI Express boards	5
2.3 Tested Express Card boards	6
2.4 Tested PCMCIA boards	6
3 IEEE1394a FireWire™ interface	7
3.1 Tested PCI boards	7
4 IEEE1394 FireWire™ accessories	7
5 IEEE1394 FireWire™ cables.....	8

1 Test platforms

Recommended standard PC configuration

	Single-camera system		Multi-camera system	
	Minimum	Recommended	Minimum	Recommended
CPU	Intel® Pentium4 or comparable processor	Intel® Pentium® 4 or comparable processor	Intel® Pentium® 4 or comparable processor	Intel® Core™ Duo comparable processor
Clock	1 GHz	2 GHz	2,5 GHz	2 GHz
RAM	256 MB	512 MB	512 MB	512 MB
OS	Microsoft® Windows® 2000 incl. Service Pack 4 or higher Microsoft® Windows® XP incl. Service Pack 2 or higher Microsoft® Windows Vista™			
Graphic	Recommended resolution 1280 x 1024, color depth at least 16 bit			
IEEE1394b	OHCI compliant IEEE1394b board (recommended TI chipset)			
Framework (optional)	Windows® operating systems: .NET Framework™ 2.0 or higher			

1.1 Tested standard PCs

Test Equipment	Manufacturer / Reseller	Description	Function
PC1	SIECOM Computer	<ul style="list-style-type: none"> - Microsoft® Windows® XP - x86 Family 15 Model 2 Stepping 7 - Genuine Intel ~2558 MHz - Award Software, Inc. ASUS P4B533-E ACPI BIOS Revision 1011, 27.09.2002 - SMBIOS Version 2.3 - NVIDIA GeForce2 MX/MX 400 Graphic board - 512 MBytes / 533 front side bus 	performance within specification without limitation *)
PC2	SIECOM Computer	<ul style="list-style-type: none"> - Microsoft® Windows® XP Professional 5.1.2600 Service Pack 2 Build 2600 - x86 Family 15 Model 2 Stepping 9 - Genuine Intel ~2992 MHz - SMBIOS Version 2.3 IntelCorp. RL86510A.86A.0061.P09.0308281850, 8/28/2003 - NVIDIA GeForce FX 5600XT - 512 MBytes 	performance within specification without limitation *)
PC3	Dell™ Precision™ 390	<ul style="list-style-type: none"> - Microsoft® Windows® XP Professional 5.1.2600 Service Pack 2 Build 2600 - Microsoft® Windows Vista™ Business 6.0.6000 Build 6000 - Intel® Core®2, x86 Family 6 Model 15 Stepping 2 GenuineIntel® 2x2,1GHz - BIOS Dell™ Inc. 2.2.0, 29.03.2007 - RAM 2GB - NVIDIA® Quadro® FX 550 	performance within specification without limitation *)
PC4	Desktop PC	<ul style="list-style-type: none"> - Microsoft® Windows® XP Professional 5.1.2600 Service Pack 2 Build 2600 - Intel® Core®2: x86 Family 6 Model 15 Stepping 11 GenuineIntel® Quad 6800 4 x ~2,9GHz - BIOS Intel® Corp. MQ96510J.86A.1687.2007.0510.0258, 10.05.2007 - RAM 2GB - Intel® Desktop Board DG965WH - Intel® G965 Express Chipset Family 	performance within specification without limitation *)

*) please also refer to the tested interface items to board and accessories


1.2 Tested Laptops

Test Equipment	Manufacturer / Reseller	Description	Function
Laptop1	Laptop Siemens- Fujitsu	<ul style="list-style-type: none"> - Microsoft® Windows® XP - X86 Family 15 Model 2 Stepping 7 - Genuine Intel ~2004 MHz - American Megatrends Inc. 1.00C, 30.01.2003 - 256 MBytes / 266 MHz front side bus - i.Link™ Adapter 	performance within specification without limitation *)
Laptop2	Laptop Dell™ Latitude™ D820	<ul style="list-style-type: none"> - Microsoft® Windows® XP Professional - Version 5.1.2600 Service Pack 2 - Build 2600 - x86 Family 6 Model 14 Stepping 8 - GenuineIntel® ~1830 MHz, DualCore - BIOS-Version/-Datum Dell™ Inc. A03, 28.08.2006 - 1024 MBytes 	performance within specification without limitation when operating PCMCIA interface board *)



*) please also refer to the tested interface items to board and accessories

2 IEEE1394b FireWire™ interface

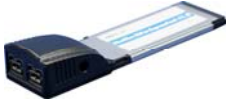
2.1 Tested PCI boards

	Manufacturer / Reseller	Type / Name	Description
	IOI	FWB-PCI02	<ul style="list-style-type: none"> - 2-port bilingual 9-pin connectors jackscrew - PCI host adapter - Physical layer: TI TSB81BA3D - Chipset: TI TSB82AA2 - 33-MHz/64-bit and 33-MHz/32-bit selectable PCI interface - Note: 1 board per system recommended - Max. Data transfer: 80 MBytes/sec - Baumer order-number: OD108061


2.2 Tested PCI Express boards

	Manufacturer / Reseller	Type / Name	Description
	IOI	FWB-PCIE1X21B	<ul style="list-style-type: none"> - 3-port bilingual 9-pin connectors Jackscrew - PCI Express host adapter - Chipset: Agere L-FW643-6-BP - 64-bit and 32-bit platform support - Note: Link is not required for Hub operation - Baumer order-number:OD108355
	IOI	FWB-PCIE10	<ul style="list-style-type: none"> - 2-port bilingual 9-pin connectors Jackscrew - PCI Express host adapter - Physical layer: TI TSB81BA3D - Chipset: TI TSB82AA2 - Bridge: PLX PEX8111-BB66BC - 64-bit and 32-bit platform support - Note: incompatible with Dell™ motherboards - Max. Data transfer: 80 MBytes/sec - Baumer order-number:OD108060

2.3 Tested Express Card boards



	Manufacturer / Reseller	Type/ Name	Description
	IOI	FWB-EC3402	<ul style="list-style-type: none"> - 2-ports IEEE1394b - FireWire™ to Express Card - Chipset: Agere L-FW643-6-BP - 64-bit and 32-bit platform support

2.4 Tested PCMCIA boards


	Manufacturer / Reseller	Type/ Name	Description
	Sunix	CBF2000G	<ul style="list-style-type: none"> - 2-ports IEEE1394b - FireWire™ to PCMCIA adaptor - Chipset: Agere FW322/323 / 1394b OHCI-Lynx IEEE 1394 Host Controller - with power connector without external power supply

3 IEEE1394a FireWire™ interface



3.1 Tested PCI boards

	Manufacturer / Reseller	Type / Name	Description
	LaCie	107355	<ul style="list-style-type: none"> - FireWire™ 1394a with 3+1 Ports (6pin) - Chipset: VIA VT6306 - VIA Fire II 1394a OHCI Link Layer Controller - Note: only recommended for Baumer FCAM systems - Baumer order-number:OD108062
	Exsys	EX – 6500E	<ul style="list-style-type: none"> - FireWire™ 1394a with 3+1 Ports (6pin) - Chipset: TI TSB43AB23 - IEEE 1394a-2000 OHCI PHY/Link Layer Controller - Note: only recommended for DCAM (IIDC1.31) systems - Baumer order-number:OD108103

4 IEEE1394 FireWire™ accessories

	Manufacturer / Reseller	Type / Name	Description
	IOI	1394R-B2	<ul style="list-style-type: none"> - FireWire™ IEEE1394b Repeater - Jackscrew - Chipset: TI TSB81BA3D

5 IEEE1394 FireWire™ cables

	Manufacturer / Reseller	Description		
	Raselli	- FireWire™ 1394b to FireWire™ 1394b cable screw lock type both sides -	Baumer order-number / length	
			OD107954	lengths: 4.5 m
			OD107955	lengths: 10 m
	Raselli	- FireWire™ 1394a to FireWire™ 1394b cable - Screw lock on camera side	OD107752	lengths: 4.5 m
			OD108101	lengths: 10 m

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