

**1394BR3**

Your economical 1394b 3-port hub.

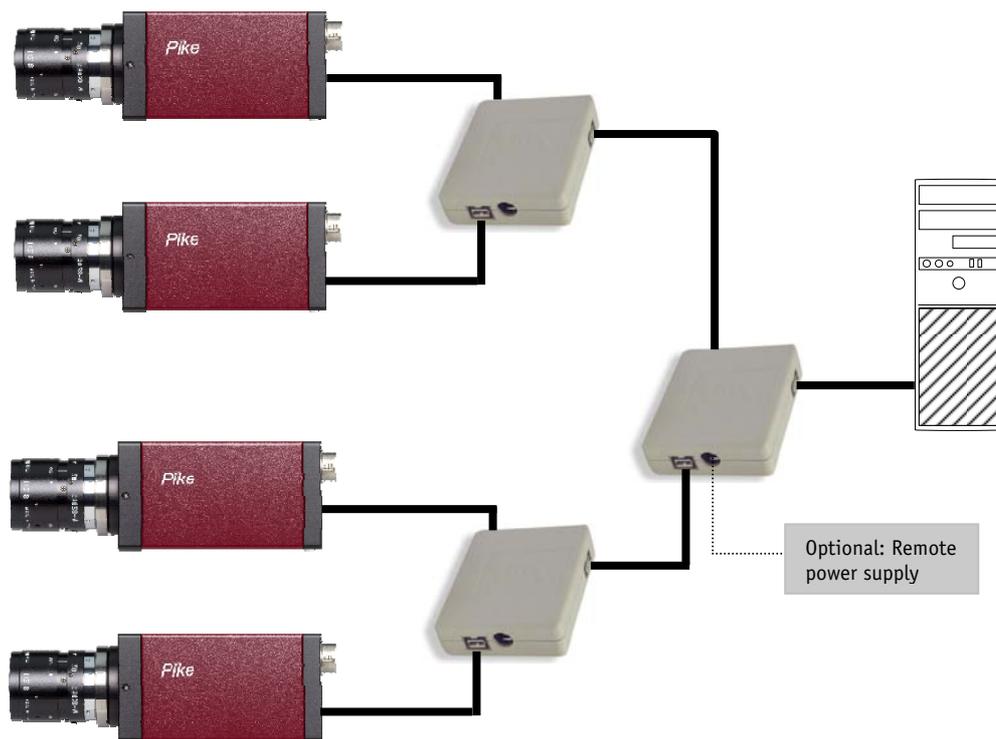
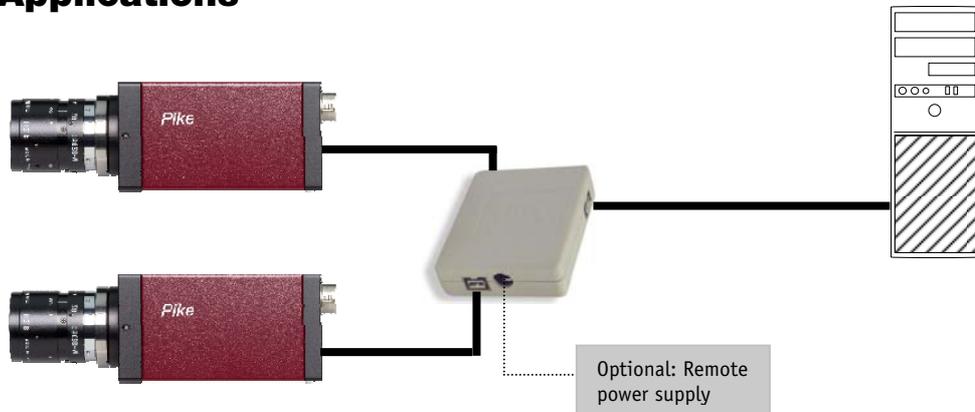
IOI's economical 1394b 3-port hub can be used to combine the signal of two cameras e.g. AVT's Stingray or Pike cameras into one signal/cable. Up to two hubs can be cascaded. The bus can be powered via a power plug, if cable power is absent or insufficient. By using any two of the three ports, the device acts as a repeater. Up to two repeaters can be used in series. Three cable segments can be bridged this way.

Highlights

- Up to 64 MByte/s bus video bandwidth
- Compliant with IEEE 1394b (2002)
- Backward compatible with IEEE 1394a (2000)
- Easy plug & play, no driver required
- Compatible with all AVT 1394b cameras
- Compatible with all AVT 1394a cameras by the use of legacy cables
- Compatible with all AVT Software Packages¹
- Power plug for optional bus power

¹ For details refer to the corresponding releases

Applications



Notes: Bandwidth of one 1394b bus is shared among all the cameras, depending on their settings.
 Make sure that power supply from PC is sufficient for all devices.
 Alternatively supply adequate power via one hub, next to camera(s).

Technical Specifications

Feature	Description
Adapter type	3-port 1394 bilingual hub/repeater
1394 chipset	TI TSB81BA3D (phy)
Ports	3x 1394 bilingual ² , max. 1350 mA
Speed	100, 200, 400, 800 Mbps transfer rate
Bandwidth	100/80/64 MByte/s at 800 Mbps (gross/net/video)
Arbitration	BOSS
OS support	Windows NT4.0, 2000 (FP only); XP, 2003 ³ , Linux 2.4.x/2.6.x ⁴
Compliance	FCC, CE, RoHS Directive (2002/95/EC), WEEE Directive (2002/96/EC)
Power	8 V – 32 V DC, bus powered, or external power in Walkman type 2 mm DC jack, plus at pin, max. 1500 mA
Operating temp.	+5°C... 50°C
Dimensions	72 mm (L) x 20 mm (H) x 58 mm (W)
Mass	60 g
Options: cables	copper cables various lengths, with or without screw locking at both sides, sold separately

Ordering information:

Hub 3-port IOI-1394BR3	Hub flat with 3x 1394b connectors, without power supply	K0000333
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Cable options:

Cable 0.5 m 9-pin - 9-pin industrial	IEEE1394b; (2x screw lock), with ferrites, 0.5 m, only Pike	K1200201
Cable 5.0 m 9-pin - 9-pin industrial	IEEE1394b; (2x screw lock), with ferrites, 5.0 m, only Pike	K1200133
Cable 7.5 m 9-pin - 9-pin industrial	IEEE1394b; (2x screw lock), with ferrites, 7.5 m, only Pike	K1200134
Cable 0.5 m 9-pin - 6-pin industrial	IEEE1394b/a; 9-pin (screw lock)/6-pin (latch), 0.5 m	K1200198
Cable 4.5 m 9-pin - 6-pin industrial	IEEE1394b/a; 9-pin (screw lock)/6-pin (latch), 4.5 m	K1200171

Notes:

Different locking cables are available upon request.

Screw locking not possible at 3-port hub.

² Bilingual ports can either operate in 1394b or 1394a, depending on the device (cable) attached.

³ DFP may require exchange of MS-driver, depending on service pack.

⁴ On request: Contact your local support.