



## 1394R3B



### Your economical 1394a 3-port hub.

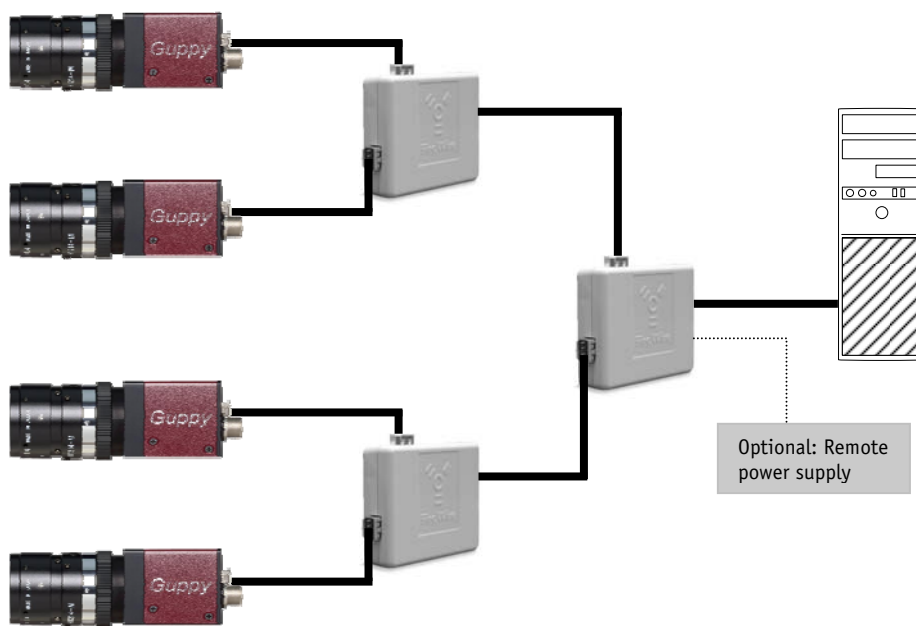
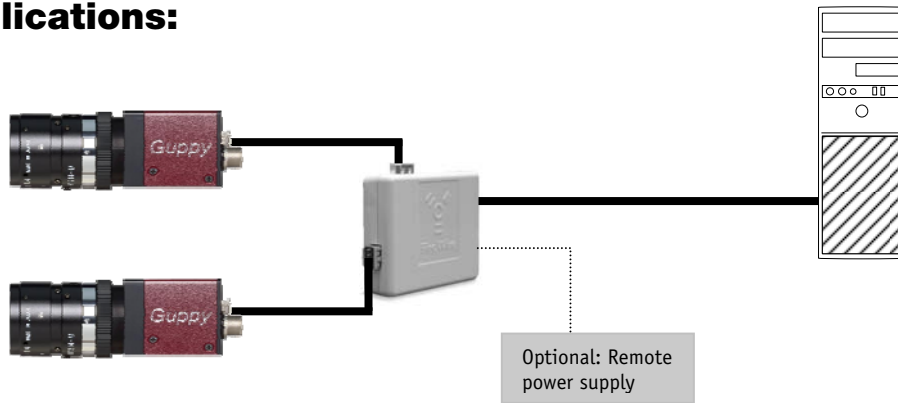
IOI's economical 1394a 3-port hub can be used to combine the signal of two AVT cameras e.g. of the Dolphin, Marlin, Guppy or Oscar range into one signal/cable. Up to three hubs can be cascaded. The bus can be powered via a power plug, if cable power is absent or insufficient. By using any two of the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

#### Highlights

- Up to 32 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<sup>1</sup>
- Power plug for optional bus power

<sup>1</sup> For details refer to the corresponding releases

**Applications:**



Notes: Bandwidth of one 1394a 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	Three port 1394 a hub/repeater
1394 chipset	TI TSB41AB3 (phy)
Ports	3x 1394a, bus power (max. 1350 mA)
Speed	100, 200, 400, Mbps transfer rate
Bandwidth	50/40/32 MByte/s at 400 Mbps (gross/net/video)
OS Support	Windows NT4.0, 2000, XP, 2003, Linux 2.4.x/2.6.x
Compliance	FCC, CE, RoHS Directive (2002/95/EC), WEEE Directive (2002/96/EC)
Power	8 V – 32 V DC, bus powered, max. 1500 mA, or external power in Walkman type 2 mm DC jack, plus at pin
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-1394R3B	Hub flat with 3x 1394a connectors, without power supply	K0000204
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### 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:

Molex clamp locking (aka Interlock) is suitable for AVT Marlin, Guppy, Oscar.  
Please consult AVT or your local dealer if you require locking connector for Dolphin or third party cameras.