

datavideo®

1394

VP-314



## Your industrial 1394a inline repeater

Data Video's industrial 1394a inline repeater is equipped with two 1394a connectors with clamp locking and offers users the ability to extend the cable length of AVT cameras e.g. of the Dolphin, Marlin, Guppy or Oscar range. 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
  - AVT FirePackage
  - AVT Fire4Linux
  - AVT DirectFirePackage
- No power needed, uses cable power
- Clamp locking for 1394a ports
- Provisions for cable ties
- Power Led signals bus power

## Technical Specifications

Feature	Description
Adapter Type	Three port 1394 a hub/repeater
1394 Chipset	TI TSB41AB3 (phy)
Ports	2 x 1394a, bus power (max. 1350 mA)
Speed	100, 200, 400, Mbit/s transfer rate
Bandwidth	50/40/32 MByte/s at 400 Mbit/s (gross/net/video)
OS Support	Windows NT4.0, 2000, XP, 2003, Linux 2.4.x/2.6.x
Compliance	<b>FCC, CE</b> , RoHS Directive (2002/95/EC), WEEE Directive (2002/96/EC)
Power	8 V – 12 V DC, bus powered, max. 1500 mA, no external power in
Operating temp.	+5 °... 50 ° Celsius
Dimensions	52 x 98 x 18 mm (L x W x H)
Weight	75 g
Compatibility	AVT FirePackage, AVT DirectFirePackage, AVT Fire4Linux
Options: Cables	copper cables various lengths, with or without screw locking at both sides, sold separately

### Ordering information:

Repeater 1394a inline	industrial, with 2 connectors, no DC in, 12 Volt operation only	K0000291
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### Cable options:

FireWire cable -1x Interlock	IEEE1394; (1 x Interlock) 3,0 m, for Marlin / Oscar / Guppy	E1000747
FireWire cable -1x Interlock	IEEE1394; (1 x Interlock) 4,5 m, for Marlin / Oscar / Guppy	K1000091
FireWire cable -1x Interlock	IEEE1394; (1 x Interlock) 6,0 m, for Marlin / Oscar / Guppy	E1000793
FireWire cable -1x Interlock	IEEE1394; (1 x Interlock) 10 m, for Marlin / Oscar / Guppy	E1000758
FireWire cable -2x Interlock	IEEE1394; (2 x Interlock) 4,5 m, for Marlin / Oscar / Guppy	K1200064
FireWire cable -2x Interlock	IEEE1394; (2 x Interlock) 10 m, for Marlin / Oscar / Guppy	E1000759

### Notes:

Higher voltages than 12 V may damage the device.

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.