

2-Port IEEE-1394b Repeater

FWB-HUB-2PORT

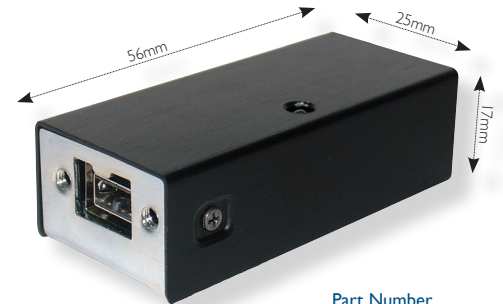


POINT GREY
RESEARCH

- Two 800Mb/s IEEE-1394b locking ports
- Ultra-compact and lightweight
- Industrial grade metal case
- Locking connections for 1394b cables
- Extend Point Grey cameras up to 30m¹

The FirePRO™ 2-port IEEE-1394b repeater, designed and manufactured by Point Grey Research, is a reliable and cost effective solution for extending devices beyond the standard 4.5m cable length.

The compact 25x56x17mm metal case is ideal for applications where space is limited. The repeater's design incorporates locking 9-pin 1394b bilingual ports, 1394b port protection, and a status LED to ensure a secure physical connection and stable network configuration.



Part Number
FWB-HUB-2PORT

Preliminary design subject to change
without notice



FEATURES

- Two (2) bilingual 9-pin 1394b 800Mb/s (S800) ports
- 100, 200, 400 and 800Mb/s transfer rates
- Supports IEEE P1394b revision 1.20 at 1Gb signaling rates
- Backward compatible with 1394-1995 and 1394a-2000
- Fully interoperable with Firewire™ and i.LINK™
- Port protection minimizes ESD effects and PHY errors
- Status LED to indicate power and device connection
- Supports Plug and Play and hot swapping

GENERAL SPECIFICATIONS

Dimensions	25 x 56 x 17mm (WxDxH)
Mass	29 grams
Power input/output	8-32V / 1A output per port at 12V
Power consumption	Max 0.5W at 12V
Chipset	TI TSB81BA3D physical layer
Compliance	RoHS, FCC Class B, CE
Warranty	2 years

COMPATIBILITY

- All Point Grey 1394 camera products
- All Point Grey FirePRO™ products

SAMPLE CONFIGURATION

Streaming image data at 75MB/s over 30m of 1394b cable

- FirePRO IEEE-1394b PCI Express card (FWB-PCIE) connected to internal PC power
- FirePRO 10m 1394b cables (ACC-01-2014 x3)
- FirePRO 2-Port 1394b repeaters (FWB-HUB-2PORT x2)
- Grasshopper 5.0MP 15 FPS 1394b camera (GRAS-50S5)

