

FirePRO™ LDR

FWB-LDR-CAT5



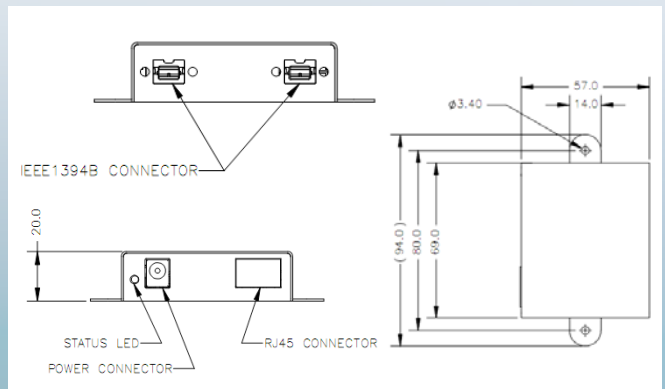
- **IEEE-1394b 800Mb/s over 100 meters of Cat5**
- **Two IEEE-1394b locking ports**
- **8-32V external power input, 1A per port**
- **Compact metal case enclosure**

The FirePRO™ LDR (long distance repeater), designed and manufactured by Point Grey Research, is a reliable and cost effective solution for applications that require IEEE 1394 devices to be extended beyond the standard 4.5m cable length. Using a Gigabit Ethernet physical layer to transport FireWire data using GigE signalling, the FirePRO LDR (Long Distance Repeater) can be used to transmit and receive 1394b 800 Mb/s data over 100 meters of standard Category5e (Cat5e) cable. This allows users to construct a reliable, high-speed FireWire-based network of multiple cameras that is physically separated by up to 100 meters from the host system.



General Specifications	
Dimensions	69 x 57 x 20mm (W x D x H)
Mass	85 grams
Power requirements	8 to 32V, 2.8 W at 12 V via 1394b or external power supply
Power output	1 A per port at 12 V
Power Plug Type	5.5 mm (OD) x 2.1 mm (ID), male, center-positive
Cabling	Cat5e or Cat6
Mounting	Front / rear, M3x4mm screw holes
Compliance	RoHS, FCC Class B, CE
Warranty	2 Years
Operating temperature	0°C to 45°C
Storage temperature	-30°C to 60°C

Dimensions



Compatibility

- All Point Grey 1394 camera and FirePRO products
- NOTE: 8-32V external power required at camera side (see Sample Configuration below)

Sample Configuration

