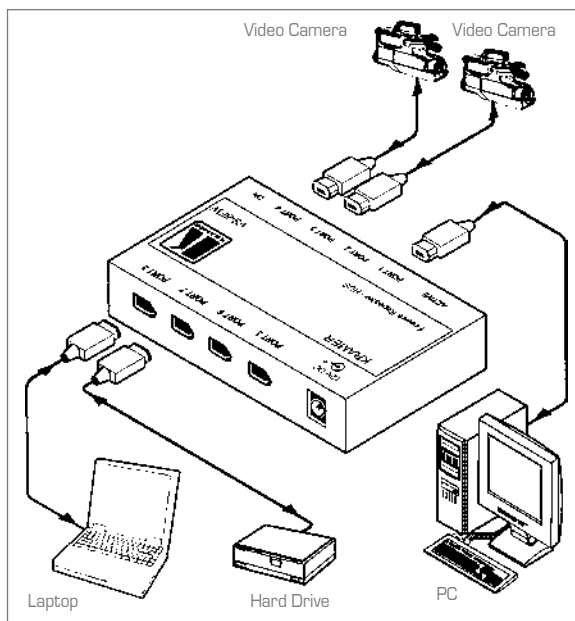# VS-4FW/VS-8FW
4 & 8 Port FireWire® Repeaters/Hubs

The **VS-4FW** and **VS-8FW** are high performance bi-directional hub/repeaters for 6-pin FireWire (IEEE 1394) signals. They will increase the number of ports available and/or will extend the distance of FireWire cable runs.

FEATURES

- **Cascading Operation** - multiple units can be cascaded to create a FireWire system with up to 63 ports.
- **Range** - Doubles FireWire cable range from 14.75' (4.5m) to 29.5' (9m). Multiple units can be cascaded to extend the range to up to 236' (72m).
- **Hot Swapping** - Supports plug and play.
- **Transfer Rates** - 100, 200, and 400Mbps.
- **ESD Protection** - Incorporates Kramer's Spark-Guard Pro™ signal protection circuitry to help protect against EDS (electrostatic discharge) which can damage digital equipment.
- **Compact Size** - Part of the Kramer TOOLS™ family of compact, high quality and cost effectiv solutions.

TECHNICAL SPECIFICATIONS

PORTS:	VS-4FW: Four 6-pin serial 1394 Ports.
	VS-6FW: Six 6-pin serial 1394 Ports.
	VS-8FW: Eight 6-pin serial 1394 Ports.
TRANSFER RATE:	100/200/400Mbps.
STANDARDS:	Fully supports the provisions of the IEEE 1394-1995 Standard for High Performance Serial Bus and the P1394a Supplement; Fully interoperable with FireWire™ and i.LINK™ implementation of IEEE Std 1394; Fully compliant with OpenHCI requirements; Provides Six P1394a Fully Compliant Cable Ports at 100/200/400 Megabits per Second (Mbits/s); Full P1394a support includes: Connection Debounce, Arbitrated Short Reset, Multispeed Concatenation, Arbitration Acceleration, Fly-By Concatenation, Port Disable/Suspend/Resume; Extended Resume Signaling for Compatibility with Legacy DV Devices; ESD protection for high-speed data lines to IEC 61000-4-2 (ESD) 15kV (air), 8kV (contact), IEC 61000-4-5 (lightning) 12A (8/20us), and IEC 61000-4-4 (EFT) 40A (5/50ns).
POWER SOURCE:	VS-4FW: 12VDC, 200mA.
	VS-6FW: 12VDC, 250mA.
	VS-8FW: 12VDC, 300mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H).
WEIGHT:	0.3kg. (0.67lbs.) approx.
ACCESSORIES:	Power supply, mounting bracket, one 6 pin to 6 pin connector cable.

KRAMER ELECTRONICS, Ltd