

## Big River™ LTX2-35



- **Standalone operation with Ethernet command/control**
- **Embedded web server for browser based remote control**
- **Sustained recording and playback at more than 500 MB/s**
- **2U chassis at 25" deep**
- **Scalable data storage capacities up to 16 TB**
- **SATA solid-state or hard drive media in standard 3.5" form factor**
- **Cabled PCI Bridge for high speed data access using StarFabric interface from Linux or Windows host**
- **Multiple external interfaces available including FPDP, FPDP2, Serial FPDP, LVDS and Camera Link**
- **AC or 28VDC Power Options**

The Big River™ LTX2-35 recording system provides more than 500 MB/sec recording and playback performance in a space and power efficient package. Housed in a standard size 2U rack mount chassis, LTX2-35 provides exceptional performance and capacity for mobile or portable recording and playback applications.

The system can operate independently from a host computer with command/control performed over a network connection or using a web browser connecting to the internal web server. Control can also be automated from a software application using the StreamStor® software API from a network connected computer.

Based on the StreamStor® Amazon architecture, the LTX2-35 supports all of the same external interface mezzanine cards as the Amazon platform. This includes Serial FPDP, FPDP/FPDP2, LVDS and Camera Link. All interfaces can be provided on a customizable IO panel according to the application requirements.

Capabilities include many of the advanced capabilities of the StreamStor® architecture including features such as circular buffer recording, partitioning, playback looping, etc.

\* Achieving a data rate of 500 MB/s or more is dependent upon the external interface in use.

## Big River LTX2-35 Standalone Recorder

Specifications	
Maximum data rate	500* MB/s sustained
Maximum capacity	16 TB (Using 16-1000 GB hard disk drives)
Internal drive interfaces	SATA
Drive type	3.5" SATA hard disk or solid state drives
Duration	More than 8 hours of recording at 500 MB/s
External interface	FPDP, FPDP2, Serial FPDP, PCI, LVDS, Camera Link
PCI bridge interface	StarFabric (4 - Cat5 cables up to 10m)
Dimensions	2U 25" (D) x 17" (W) x 3.5" (H)
Weight	~60 lbs (depending on drive selection)
Power supply	120-250VAC or 28VDC
Operating temperature	0° to 35° C (contact Conduant for extended temp.)
Options	19" rack mount rails

\* Achieving a data rate of 500 MB/s is dependent upon the external interface in use.

### Warranty

Conduant hardware products are backed by a limited one year warranty. All software includes a 90 day warranty. Maintenance and priority support is available on a yearly subscription basis. Please contact your Conduant sales representative for more details.

### Customer Support

Customer support is provided through a comprehensive web portal at [www.conduant.com/support](http://www.conduant.com/support). Private logins and trouble ticket management are provided along with technical downloads, knowledge base and other support tools.

Please contact your Conduant sales representative for more details about the Big River LTX2-35 Digital Recording System.



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