
Curtiss-Wright Debuts New Family of Streaming Data Recorder Systems

LEESBURG, VA – June 29, 2006, -- Curtiss-Wright Controls Embedded Computing has announced the availability of a new family of single, dual and quad-channel Serial FPDP data recorders. The SDR1L, SDR2L, and SDR4L COTS-based data recorders will support data streams at rates up to 245MB/s per channel. Comprised of a 3U rackmounted controller and a 2U rackmounted JBOD storage unit, the SDRxL data recorders deliver high performance mass storage for archival of critical data. In addition, the RapidReplay™ operator control suite provides an Application Program Interface (API) for embedded control and a Graphical User Interface (GUI) for easy operation.

“Curtiss-Wright’s SDRxL family of data recorders brings cost-effective, high performance streaming data storage to the COTS market,” said Gorky Chin, Vice President and General Manager of Embedded Computing’s Data Communications group. “As data continues to proliferate it has become critical to be able to accurately and easily capture, archive and retrieve mass amounts of streaming data. The SDRxL family makes this increasingly urgent task simple and affordable.”

The SDRxL family represents a breakthrough in easing the high-speed capture and retrieval of large quantities of data. Each of the scalable SDRxL systems is comprised of a controller unit and a storage unit. The SDRxL systems come standard with twelve 146Gbyte hard drives arrayed in a JBOD configuration for 1.752 Terabytes of disk storage. Storage capacity for the data recorders (i.e. recording time) can be optionally increased with more hard drives or larger hard drives.

Streaming Data Recording

The SDRxL systems record 1, 2, or 4 channels of streaming Serial FPDP data at rates up to 245MB/s on each channel. Recording time is approximately 1 hour per channel when the system is configured with twelve 146GB drives. The system can optionally be configured with smaller (73GB) or larger (300GB) drives. The SDRxL family uses a unique method of striping the data across multiple disks to enable the multi-channel, high volume recording.

Archived Data Retrieval

Archived data can be retrieved via the Gigabit Ethernet port at rates up to 1.25 Gb/s. An optional high-speed 2Gb/s Fibre Channel Data Retrieval kit is also available for significantly faster retrieval speeds, up to 200MB/s.

Data Playback

The SDRxL’s RapidReplay Operator Control GUI provides control via Ethernet. The GUI runs on a customer provided PC with Windows XP/2000 operating system.

An API is also available for embedded systems, and runs on Windows XP/2000 as well as Linux operating environments. Limited operator control can also be accessed via a Command Line Interface (CLI). CLI commands can be issued from a terminal emulation program from any OS. GUI, API, or CLI can initiate Playback achieving speeds up to 232MB/s.

SDRxL System

SDRxL Controller Unit

- 3U (5.25”H) 19” rackmount PC chassis with 2 Xeon processors, redundant power supplies and disk drive bays in front.
- CWCEC FX400 Dual Channel Fibre Channel PCI boards, 2Gb/s FC operation, 850nm LC SFPs.
- CWCEC SL240 Serial FPDP PCI boards, bi-directional, 2.5Gb/s link operation, 850nm LC SFPs.

SDRxL Storage Unit

- 2U (3.5”H) 19” rackmount JBOD system, Quad FC ports, 2Gb/s capable.
- Second JBOD add 12 more disks (optional).
- Twelve 146GB, 10K RPM 2Gb/s Fibre Channel disk drives standard. 73GB or 300GB capacity optional.

The SDRxL family of Data Recorders is designed for use in Lab-grade environments and is specified to operate in a 0-35(degree) temperature range.

The SDRxL Data Recorders are available off-the-shelf. For pricing information, please contact the factory, (937) 252-5601 x1261. For editorial information regarding Curtiss-Wright Data Communications products or services, contact John Wranovics, public relations director, Curtiss-Wright, Tel: (925) 640-6402; email: jwranovics@curtisswright.com. Web site: www.cwembedded.com.

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About Curtiss-Wright Controls Embedded Computing

Curtiss-Wright Controls Embedded Computing is the industry’s most comprehensive and experienced single source for embedded solutions, ranging from Processing, Subsystems, Data Communication, DSP, and Video & Graphics to the most advanced board level components and fully integrated custom systems. The Embedded Computing group serves the defense, aerospace, commercial and industrial markets and is part of Curtiss-

Wright Controls Inc. For more information about Curtiss-Wright visit www.cwembedded.com.

About Curtiss-Wright Controls, Inc.

Headquartered in Charlotte, North Carolina, Curtiss-Wright Controls is the motion control segment of Curtiss-Wright Corporation (NYSE: CW). With manufacturing facilities around the world, Curtiss-Wright Controls is a leading technology-based organization providing niche motion control products, subsystems and services internationally for the aerospace and defense markets. For more information, visit www.cwcontrols.com.

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