The DRS8200X is the compact member of the Industry-leading Digital Recording System (DRS) product family. Optimized for the Telemetry market, the DRS8200X provides exceptionable bandwidth and scalability while maintaining strict compliance with the IRIG-106 CH10 Standard.

The DRS8200X accepts one user-installable Interface Board (IFB) providing extensive support for a wide range of telemetry applications. Employing a dual-diskbank architecture, the system provides user-selectable, flexible recording modes: striped (high data rate), mirrored (redundancy), or sequential (extended duration).

With a storage capacity of up to 2.4TB and an aggregate data rate of 1600+ Mbps, the DRS8200X is uniquely qualified for the most demanding telemetry requirements. The DRS8200X excels in pre-detect analog, post-detect digital PCM, and direct IF recording, as well as Video, Ethernet, Serial, and 1553 recording.

Building on the success of our robust and reliable Digital Recording Systems, Wideband Systems has raised the bar again – Introducing the Next Generation Digital Recording System – the DRS8200X.
**Technical Specifications**

- **Dimensions:** 3.50 x 19 x 23 inches
- **Weight:** 30 lbs
- **Temp (op):** 5 to 50 degs C
- **Temp (non-op):** -25 to 65 degs C
- **Humidity (op):** 5% to 95%, non-cond
- **Humidity (non-op):**
- **Power (V AC):** 90-132/180-264 V AC
- **Power (Hz):** 47 to 63 Hz
- **Power (Watts):** <300 Watts
- **Record Media:** Two Removable Diskbanks
- **Disks/Diskbank:** Four SFF 2.5” Disks
- **Disk Type:** Hard Disk or Solid-State Disk
- **Disk Interface:** SAS or SATA
- **Diskbank Capacity:** 288GB, 576GB, or 1.2TB
- **Operator Control:**
  - Local Control via Front Panel 5.0” Touch Screen and/or auxiliary KVM
  - Remote Control via Network attached PC
- **Data Transfer:** Data Transfer (Import/Export) to local USB & eSATA devices and/or Network attached devices
- **Interface Options**

  **Standard Telemetry Interface Boards:**
  - 4A4D: 4 Analog Chs (up to 80MSPS)
  - 4 Digital PCM Chs (0-40Mbps)
  - 12D: 12 Digital PCM Chs (0-40Mbps)
  - 2CHA1: 2 High-perf Analog Chs (200MSPS)
  - 1E4S: 1 Ethernet Ch (10/100/1000)
  - 4 RS-232 Serial Chs (up to 1MBaud)
  - 2V: 2 Video Chs NTSC/PAL
  - Uncompressed and MPEG2
  - 12M1553: 12 Chs Mil-Std-1553

  **General Analog Interface Boards:**
  - Multi-ch, 8-16 bit AD/DA, 50KSPS-400MSPS

  **General Digital Interface Boards:**
  - 1/8/16/32 bits, ECL/PECL, LVDS, TTL logic

  **Other Interface Boards:**
  - Telecom, CDL, Serial FPDP, CameraLink, DCRSi, DIR, and many more …

  **Custom Interfaces:**
  - Can be provided quickly and cost-effectively

**DRS8200X Warranty**

Industry-leading Two Year Limited Warranty

**Ordering Information**

Please contact our technical sales staff to configure your Digital Recording System. Each system can be tailored to meet your interface, control, and fault tolerance requirements.

- Email: sales@wideband-sys.com
- Voice: (949) 420-0474

**Lifetime Product Support**

Firmware & Software upgrades and technical support are provided without additional cost to our valued customers.

(301) 588-8840
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