The DRS8300XA is the versatile member of the Industry-leading Digital Recording System (DRS) product family. Optimized for the Telemetry market, the DRS8300XA provides exceptionable flexibility while maintaining strict compliance with the IRIG-106 CH10 Standard.

The DRS8300XA employs a flexible architecture which supports direct IRIG-106 CH10 recording/reconstruction to/from a variety of COTS media. The standard configuration includes: two internal, removable 500GB drives, interface ports to attach external USB 2.0, Firewire, or eSATA drives, an internal AIT-3 Tape drive, and 1394b ports to support CH10 RMMs.

Native IRIG-106 CH10 Recorder/Reproducer

Direct Record/Playback to/from Internal and External NTFS COTS Media (USB 2.0, Firewire, & SATA)

Direct Playback from AIT-3 Tapes and CH10 Removable Memory Modules (RMMs)

Flexible Remote Control Operations and IRIG-106 Publish Support

Accepts up to 3 User-installable Interface Boards (IFBs)

Accepts and Reproduces IRIG-A/B/G External 1PPS and 10MHz Refs

Gigabit Ethernet Network

Industry-leading Performance, Reliability, & Support

Wideband Systems, Inc.
2409 Linden Lane
Silver Spring MD 20910
(301) 588-8840
www.wideband-sys.com

Wideband Systems, Inc.
Advanced Signal Recording Products
Technical Specifications

Dimensions: 5.25 x 19 x 23 inches
Weight: 35 lbs
Temp (op): 5 to 50 degs C
Humidity (op): 5% to 95%, non-cond
Temp (non-op): -25 to 65 degs C
Power (VAC): 90-132/180-264 V AC
Power (Hz): 47 to 63 Hz
Power (Watts): <320 Watts

Internal Media: Two Removable SATA Disks
External Media: USB 2.0, eSATA, Firewire, 1394b for CH10 RMMs

Network: Gigabit Ethernet supporting Network Attached Media, Remote Control, and CH10 Publish

Operator Control:
Local Control via Front Panel 6.5” Touch Screen and/or auxiliary KVM
Remote Control via Network attached PC

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)
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

DRS8300XA 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.