

Model DRS8000P

PORTABLE TELEMETRY RECORDER



KEY FEATURES

- 1600+ Mbps Sustained Data Rate Record and Playback
- Native IRIG-106 Chapter 10 Recording Format
- Data Export and Data Monitoring while Recording
- Two Removable Diskbanks
 - Capacity up to 4.0TB per Bank Solid-state Disk Drives
- Flexible Recording Modes:
 - Striped or Mirrored
- Accepts one User-installable Interface Board (IFB)
- Timing Interfaces
 - Accepts IRIG-A/B/G, NASA36
 - External 1PPS and 10MHz Reference
 - Optional GPS Timing

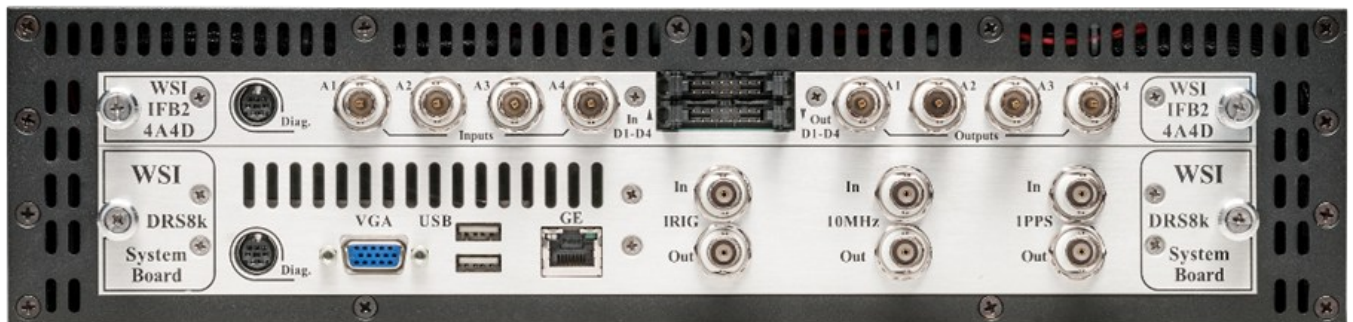
GENERAL DESCRIPTION

The DRS8000P is the ultra-compact member of the Industry-leading Digital Recording System (DRS) product family. Optimized for the Telemetry market, the DRS8000P provides exceptional bandwidth and scalability while maintaining strict compliance with the IRIG-106 Chapter 10 standard.

The DRS8000P accepts one user-installable Interface Board (IFB) providing extensive support for a wide range of telemetry applications. Employing a dual-disk bank architecture, the system provides user-selectable, flexible recording modes: striped (high data rate), mirrored (redundancy), or sequential (extended duration).

With a storage capacity of 2.0 to 8.0 TB and an aggregate data rate of 1600+ Mbps, the DRS8000P is uniquely qualified for the most demanding telemetry requirements. The DRS8000P excels in pre-detect analog, post-detect digital PCM, and direct IF recording, as well as Video, Ethernet, Serial, and MIL-STD-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 portable DRS8000P.



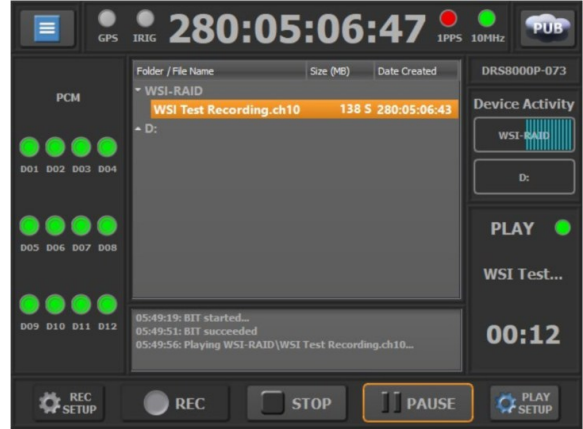
**All system boards now come standard with a Display Port and dual USB 3.0 ports. VGA is no longer offered as a standard video output.*

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TECHNICAL SPECIFICATIONS

Dimensions:	3.5 x 14.5 x 12.5 inches
Weight:	15 pounds (6.8 kg)
Temperature	Operational: 5 to 50 degrees Celsius Non-Operational: -25 to 65 degrees Celsius
Humidity:	5% to 95%, non-condensing
Power (VAC):	90-132 and 180-264 VAC
Power (Hz):	47 to 63 Hz
Power (Watts):	<200 Watts
Record Media:	Two Removable Diskbanks
Disks/Diskbank:	Two 2.5" Disks
Disk Type:	Solid-State Disk
Disk Interface:	SATA
Diskbank Capacity:	1.0 TB (500GB optional up to 2.0 TB)
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 and eSATA drives and Network attached devices



INTERFACE OPTIONS

Standard Interface Boards:

4A4D	4 Analog (up to 80MSPS) 4 Digital PCM (up to 52 Mbps)
12D	12 Digital PCM (up to 40Mbps)
2CHA1	2 High-Speed Analog (200MSPS)
4E4S	4 Ethernet (10/100/1000-Base-T) 4 RS-232 UARTs (up to 1MBaud)
8E	8 Ethernet (10/100/1000-Base-T)
2V	2 SD, 2 HD Video
2IFxx	2 IFs (70, 140, or 370 MHz Center Frequency)
16M1553	16 MIL-STD-1553

General Analog Interface Boards:

Multi-channel, 8-16 bit A-to-D and D-to-A at 50K to 200 MSPS

General Digital Interface Boards:

1, 8, 16, 32 bits in 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



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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
Phone: +1.301.588.8840

DRS8000P WARRANTY

Wideband Systems provides:
Industry-Leading Three-Year Limited Warranty
No-Cost Firmware and Software Updates
Lifetime Technical Support

Inquire today to learn more about the DRS8000P operation & control functions.

