

Model DRS9300X-MB

Wideband Multiband RF Recorder

FEATURES

- 9600+ Mbps Sustained Data Rate
 - Record and Playback
- Native IRIG-106 Chapter 10 Recording Format
- P Band, L Band, S Band, and C Band Recording
- RF Spectrum Monitor while Recording
- Two Removable Diskbanks
 - FIPS-140 Storage Drives
 - Total Capacity 6.0TB - 21.6 TB
- 16-bit A/D and D/A converters
- 80+ dB of Automatic Gain Control
- Timing Interfaces
 - Accepts IRIG-A, IRIG-B, and IRIG-G
 - External 1PPS and 10MHz Reference

GENERAL DESCRIPTION

The DRS9300X-MB is the newest member of the Industry-leading Digital Recording System (DRS) product family. Optimized for the RF Recording market, the DRS9300X-MB provides exceptional bandwidth while maintaining strict compliance with the IRIG-106 Chapter 10 standard.

The DRS9300X-MB accepts an Integrated RF/IF Interface Module providing extensive support for a wide range of RF Recording applications. The DRS9300X-MB employs 16-bit A/D and D/A converters and includes more than 80 dB of Automatic Gain Control. The reconstructed RF output can be configured to follow the input signal or provide a fixed output level.

With a storage capacity of 6.0TB to 21.6TB and an aggregate data rate of 9600+ Mbps, the DRS9300X-MB is uniquely qualified for the most demanding RF Recording requirements. The DRS9300X-MB provides a unique recording solution supporting P Band, L Band, S Band, and C Band spectrums.

Building on the success of our robust and reliable Digital Recording Systems, Wideband Systems has raised the bar again – Introducing the highest performance Digital Recording System available – the DRS9300X-MB.



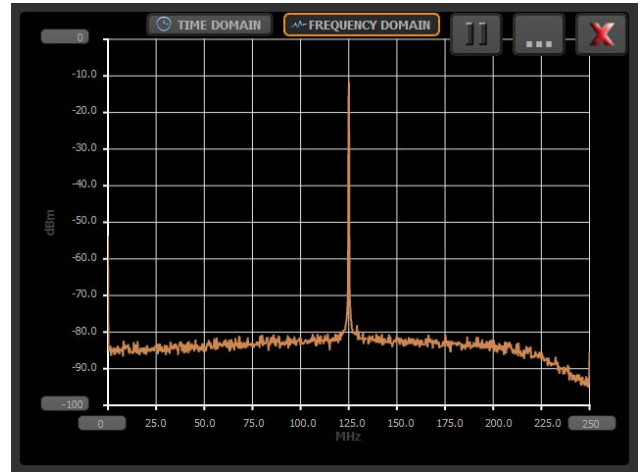
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TECHNICAL SPECIFICATIONS

Dimensions:	5.25 x 19 x 23.5 inches
Weight:	40 pounds (18.1 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):	<350 Watts
Record Media:	Two Removable Diskbanks
Disks/Diskbank:	Six 2.5" Disks
Disk Type:	FIPS-140
Disk Interface:	SATA
Diskbank Capacity:	6.0 TB to 10.8TB
Operator Control:	Local Control via Front Panel 6.5" 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



MULTIBAND RF INTERFACE

- Two independently configurable I/O channels (selectable bandwidth: 100MHz or 200MHz)
- Center frequency: Tunable within and outside of each available band:
- C-Band (4400-5250 MHz)
- S-Band (2185-2485 MHz)
- L-Band (Lower) (1427-1545 MHz)
- L-Band (Upper) (1675-1850 MHz)
- P-Band (100-1150 MHz)



DRS9300X-MB WARRANTY

Wideband Systems provides:

- Industry-Leading Two-Year Limited Warranty
- No-Cost Firmware and Software Updates
- Lifetime Technical Support

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