



Wideband Systems, Inc.

Advanced Recording Solutions

Model DRS 9300X

Wideband 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
 - Solid State Disk Drives
 - Total Capacity 6.0TB - 24.0TB
- 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 is the newest member of the Industry-leading Digital Recording System (DRS) product family. Optimized for the RF Recording market, the DRS9300X provides exceptional bandwidth while maintaining strict compliance with the IRIG-106 Chapter 10 standard.

The DRS9300X accepts an Integrated RF/IF Interface Module providing extensive support for a wide range of RF Recording applications. The DRS9300X 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 24.0TB and an aggregate data rate of 9600+ Mbps, the DRS9300X is uniquely qualified for the most demanding RF Recording requirements. The DRS9300X provides a unique recording solution with options to cover the 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.



100521 - SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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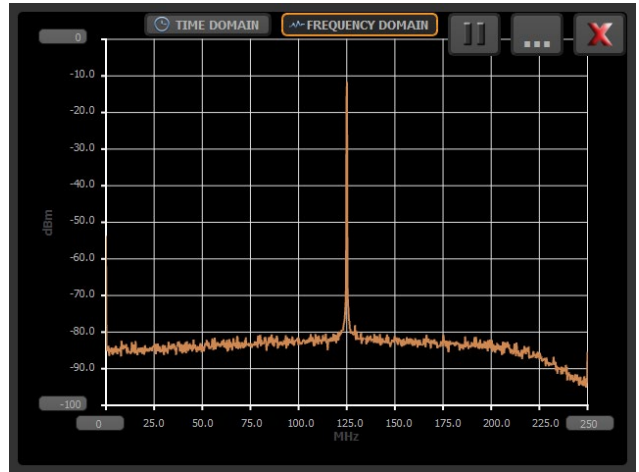
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TECHNICAL SPECIFICATIONS

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:	Solid-State Disk
Disk Interface:	SATA
Diskbank Capacity:	3.0 TB (optional to 12.0 TB)
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



INTERFACE OPTIONS

Tunable P-Band (or IF) Converter Option
(200-500MHz)

S-Band RF/IF Interface Module
Dual Ch S-Band (2200-2395 MHz)
200 MHz BW/Ch

L-Band (Lower) RF/IF Interface Module
Dual Ch Lower L-Band (1435-1535 MHz)
100 MHz BW/Ch

L-Band (Upper) RF/IF Interface Module
Dual Ch Upper L-Band (1750-1850 MHz)
100 MHz BW/Ch

C-Band (Lower) RF/IF Interface Module
Dual Ch Lower C-Band (4400-4940 MHz)
Tunable 200 MHz BW/Ch

C-Band (Middle) RF/IF Interface Module
Dual Ch Middle C-Band (5091-5150 MHz)
60 MHz BW/Ch

C-Band (Upper) RF/IF Interface Module
Dual Ch Upper C-Band (5925-6700 MHz)
Tunable 200 MHz BW/Ch



DRS9300X 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: 301.588.8840

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