

Model DRS9300X

WIDEBAND RF RECORDER



KEY 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 - 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

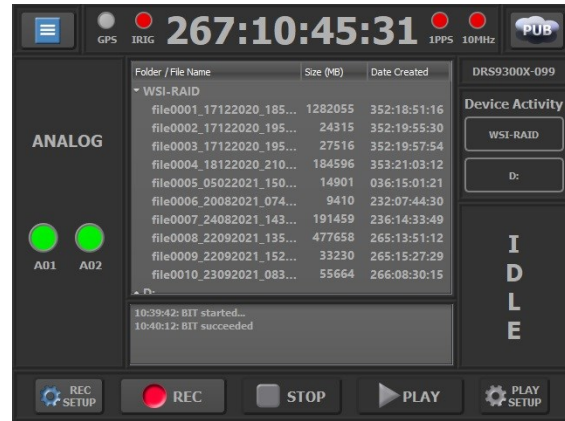


**All system boards now come standard with a Display Port and dual USB 3.0 ports. VGA is no longer offered as a standard video output.*

Model DRS9300X WIDEBAND RF RECORDER

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 OPTIONS

Standard Interface Boards:

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)



**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.*

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

DRS9300X-MB WARRANTY

Wideband Systems provides:

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

Inquire today to learn more about the DRS9300X-MB operation & control functions.

