

WDR

Wideband Data Recorder

KRATOS | RT LOGIC



Overview

The Kratos RT Logic Wideband Data Recorder (WDR) is a highly reliable real-time data storage and play back system that supports single channel data rates up to 1.6 Gbps. The WDR archives wideband serial data to disk while maintaining very tight channel-to-channel correlation, faithfully reproducing data upon play back. Standard serial interface support for the WDR includes ECL, LVDS, SERDES, and CML.

Architecture

Wideband mission data recording in real-time using state-of-the-art commercial high-performance RAID storage arrays is a standard feature of the WDR. The flexible server-based architecture of the WDR maximizes channel density and scalability while supporting your choice of peripherals. The WDR seamlessly integrates with commercially available Storage Area Networks (SAN) and Network Attached Storage (NAS) to permit virtually unlimited amount of recording capacity. The WDR is customizable to meet your specific requirements.

Key Features

- Up to 1.6 Gbps per Channel
- Dozens of Processing Algorithms Supported
- Simultaneous Record and Playback
- Store and Forward/Rate Buffering
- Maintains Precise Time-Data Correlation
- High-Availability Platform
- Hot-Swappable Power Supplies and RAID Media
- Integrates with Commercial Network Attached Storage (NAS) and Storage Area Networks (SAN)