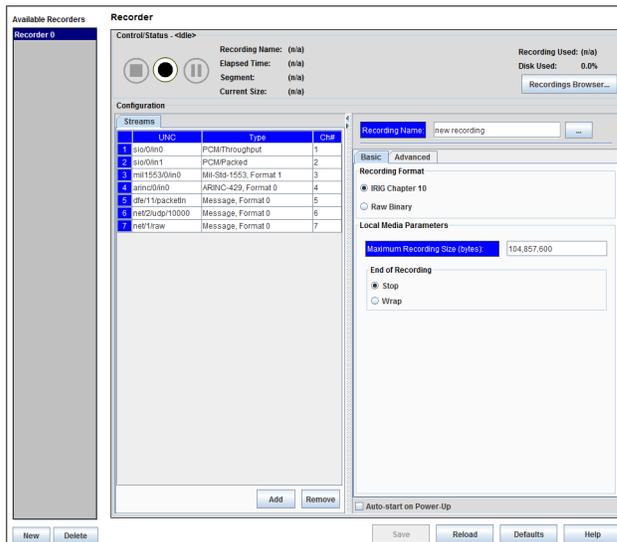


Data Recorder

NetAcquire

High Capacity
Signal Recorder



Introduction

NetAcquire delivers data capture solutions that are cost effective and reliable. With the NetAcquire Data Recorder Option you can have confidence and peace of mind that your data will be there when you need it. The NetAcquire Data Recorder is a high-capacity portable signal recording option for NetAcquire systems that also includes an integrated playback capability. The NetAcquire Data Recorder samples PCM serial, Ethernet, analog, digital, and MIL-STD-1553/ARINC-429 data signals at selectable speeds, and stores the data on an on-board or removable storage drive. Depending on the acquisition speed, this system can support continuous gap-free signal recording from days to years.

NetAcquire Data Recorder offers the flexibility of operating as a network peripheral or as a standalone device. When the NetAcquire system is connected to an Ethernet network, the archived data files are available to any computer on the network using FTP (File Transfer Protocol). NetAcquire Data Recorder includes an integrated Web server, allowing the convenience of remote system configuration and monitoring from any Web browser.

NetAcquire AutoFTP™ software is also included for network transfer of very large data sets – AutoFTP runs on the NetAcquire system and continuously transfers data files to a customer-supplied central file server. This option supports very large recordings and hierarchical storage management into the multi-terabyte range. Once AutoFTP confirms a successful file transfer, the associated data file is automatically removed from the internal NetAcquire storage disk to avoid disk overflow.

Features

- **Flexible** - Fully selectable recording speed, number of channels, and input/output settings.
- **Convenient** - Change all communication parameters remotely in the field.
- **Interoperable** - Both IRIG 106 Chapter 10 file format and raw file formats.
- **Safe** - Monitors the recording data size; if it exceeds a storage threshold, then older data is automatically removed to keep more recent data.
- **Independent** - Simultaneous signal playback from recorded data files.
- **Accurate** - Includes data time-stamping from the internal NetAcquire hardware clock or external clock sources.
- **Reliable** - Power failure protection ensures that acquired data is written to the disk immediately and that the onboard disk file system is kept in a consistent state if power is lost.
- **Multi-tasking** - Supports an unlimited number of simultaneous recording operations.
- **Expandable** - Expansion up to 256 channels of PCM serial, Ethernet, analog, MIL-STD-1553, ARINC-429 and others.
- **Affordable** - costs a fraction of the price of other data systems.
- **Simple** - pre-installed and user-friendly Web-based graphical user interface.

Be Secure. Use network-attached smart storage for your data capture and playback needs.