

## Stream1800 Recording System



### Introduction

Stream1800 is a turn-key IF/RF recording system ideal for Radar, SAR Radar, and DBF-SAR Radar applications.

Stream series Recorder is based on 10+ years of experience in data recording technology, and its key focus is on data continuity, signal fidelity and system quality. This system has passed stringent acceptance test and provides user with a high fidelity signal acquisition system.

Stream1800 support Triggered Acquisition mode with flexible Trigger Rate and Trigger Length parameters, which is very useful for Radar (i.e. SAR) applications. The system can customize to user's different requirements and integrate into user's larger systems, and supports either Windows or Linux OS.

The Stream1800 Record System can support up to 8Ch 1,800MHz or 4Ch 3,600MHzp synchronized Recording.

### Acquisition Specifications:

Sampling Rate: 150MHz to 1,800MHz

Analogue Input Transformer: 4.5MHz to 3GHz

Signal Input: +4dBm Full Scale

Clock Input: 150MHz to 1,800MHz, < 10dBm

Trigger Input: TTL Input

### Applications

- Radar,
- SAR Radar
- DBF-SAR

### Features and Specifications of Record

- 4Ch 1,800MHz 12bit ADC
- 2Ch 3,600MHz 12bit ADC
- Support wideband DDC, DDC BW 90MHz to 360MHz
- Triggered or Continuous Acquisition Mode
- Trigger Rate: up to 15KHz
- Trigger Length: up to 256K Samples
- 4Ch acquisition in synchronization
- Phase coherency for each trigger
- Supports Real and Complex Recording Mode
- Intuitive GUI for easy control
- Linux or Windows OS
- Recorded into single or multiple files
- Up to 8Ch 1,800MHz ADC
- Up to 4Ch 3,600MHz ADC

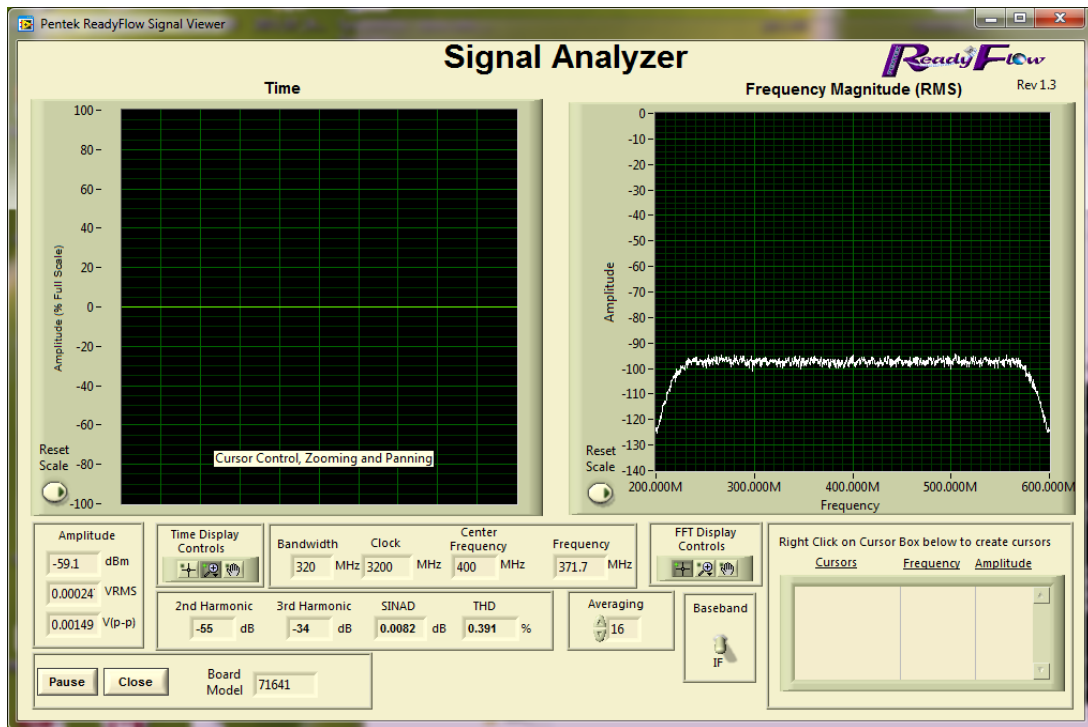


Figure 1: 1ch 3.2GS/s sampling , DDC output, 320MHz BW, no signal input

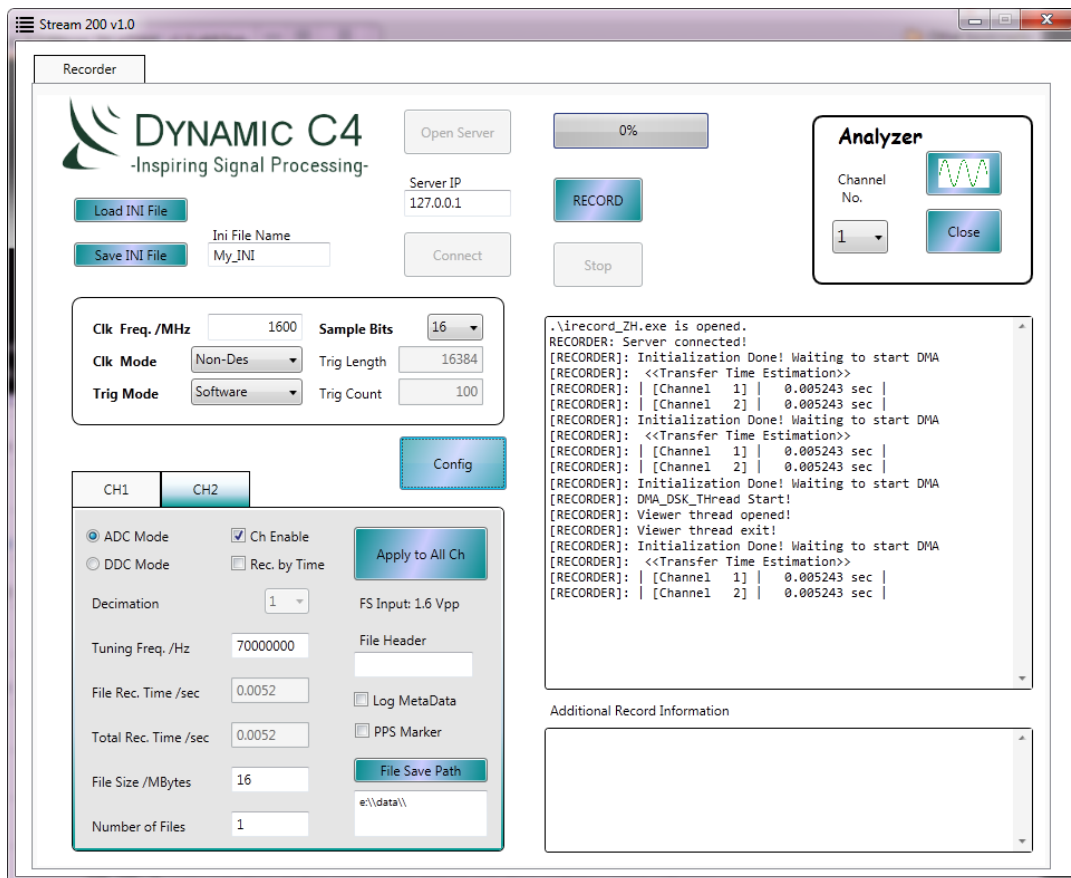


Figure 2: Intuitive GUI for easy control

## Order Information

Model No.	Specifications
<b>Streaming1800</b>	1,800MHz 12bit Recorder, support DDC
<b>-opt 2Ch</b>	- 2Ch 1,800MSps Recording
<b>-opt 4Ch</b>	- 4Ch 1,800MHz Recording
<b>-opt 8Ch</b>	- 8Ch 1,800MHz Recording

For product, pricing or demo request, please contact:

**Dynamic C4 Pte Ltd.**

Address: 3 Science Park Drive, #04-11C,

Suite 22, The Franklin,

Singapore 118223

Tel: +65 9338 2201

Fax: +65 6877 0838

Email: [sales@DynamicC4.com](mailto:sales@DynamicC4.com)

Web: [www.DynamicC4.com](http://www.DynamicC4.com)

Dynamic C4 Pte Ltd. reserves the right to change the product info with no prior notice. All the trademarks are the property of their respective registered owner.