



Fine Tooling

广州市方瞳科技有限责任公司

FIDAS FT9408

VOLTAGE ACQUISITION CARDS

BASED ON FIDAS FAMILY

- **CONVENIENT**
- **HIGH PRECISION**
- **FLEXIBLE**



VERSION: ML210812A RELEASED DATE: 2021-08-06

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Product features:

- 24bit resolution analog acquisition, 2KSP/S analog input sampling rate.
- Rang: 10mV, 5V, 30V, 60V
- Eight channels synchronization sampling
- Electrical isolation between channels
- FTStudio, LabVIEW and Visual Studio software interface to software development support
- Free testing software (HWSUIT For FIDAS)

Overview:

FT9408 Multi-channel synchronous voltage acquisition card use a high-precision 24bit ADC, test precision 0.01% Fs. It meets the requirements of higher industrial measurement, laboratory applications on sampling and recording data, etc.

System support: windows XP/10 Linux

Soft compatibility: LabVIEW Visual Studio FT Studio

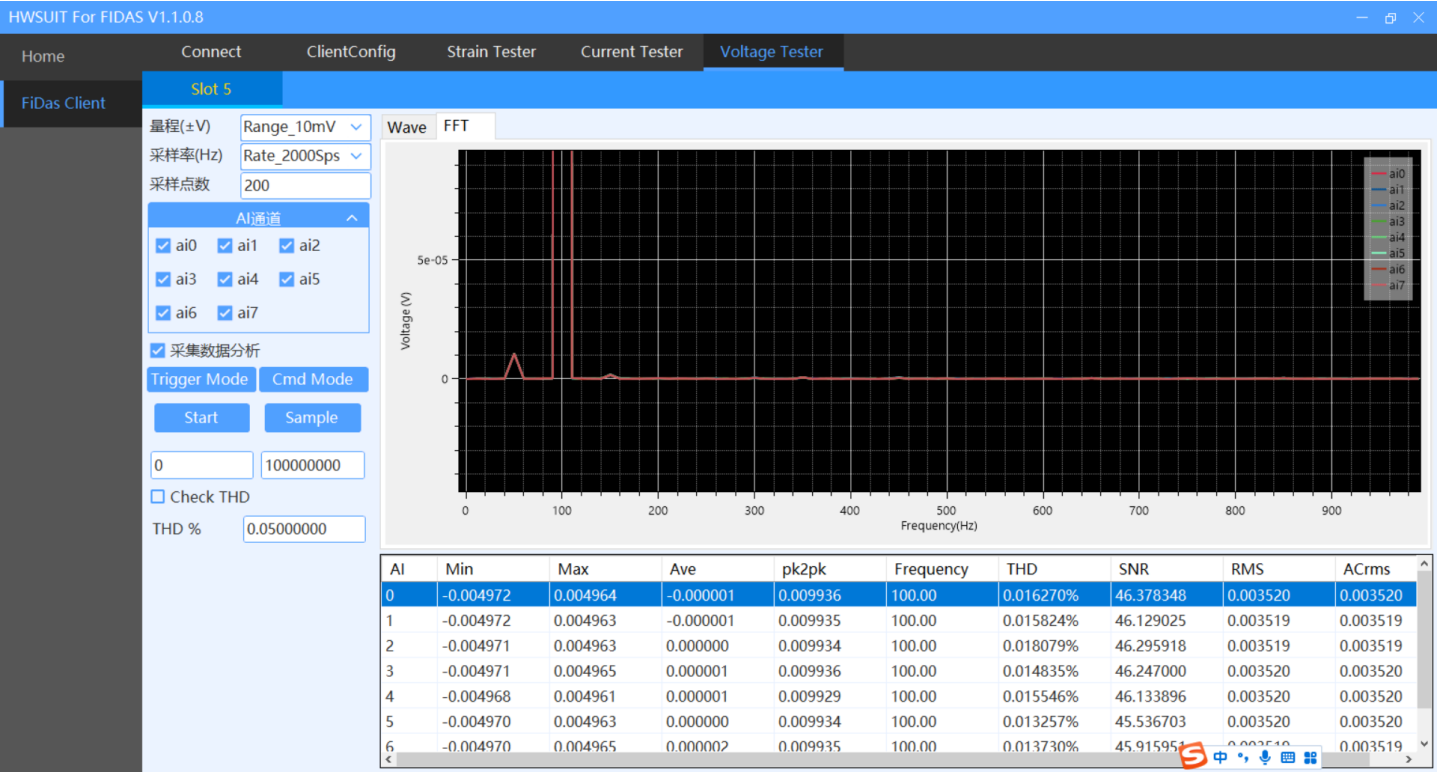
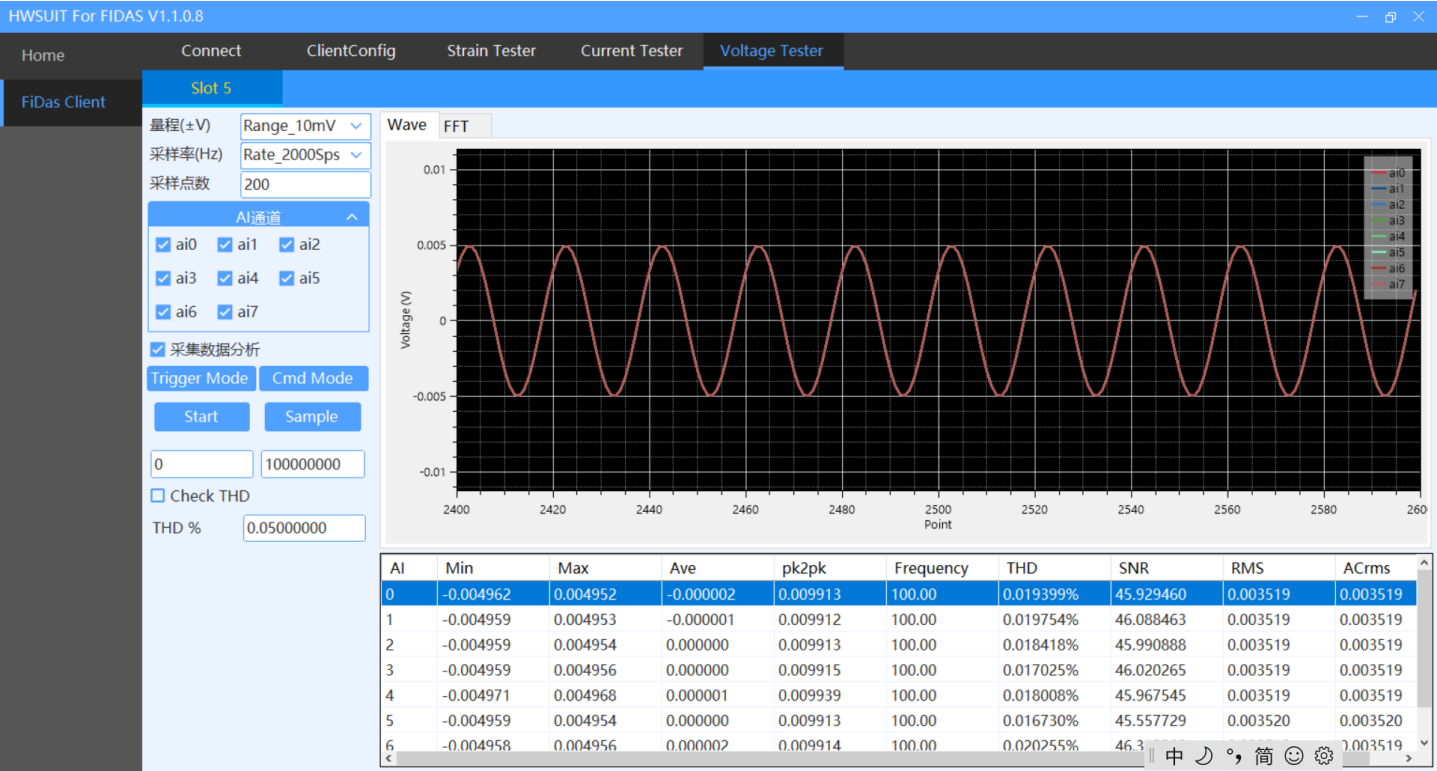
Specification

Items	Description
Channel	8
Sampling Rate	2KSP/s
ADC Resolution	24BITS
Range	10mV,5V,30V,60V
Connector Interface	3.81*16PIN connector
Trigger Mode	Software trigger
Work Environment	temperature: -40°C~ 85°C, relative humidity: 10%~90%RH
Storage Environment	temperature: -40°C~ 85°C, relative humidity: 5%~95%RH
Size	W*D*H ≈ 30mm*155mm*130mm
Weight	80g

Range And Accuracy Specifications:

Target	Range	Maximal Input Range	Resolution	Accuracy
Voltage	10mV	-11mV ~ +11mv	1μV	0.01%Fs
	5V	-5.5V ~ +5.5V	10μV	0.01%Fs
	30V	-33V ~ +33V	50μV	0.01%Fs
	60V	-66V ~ +66V	100μV	0.01%Fs

A demo project of using HWSuit software to recording 10mV 100Hz voltage signal:



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