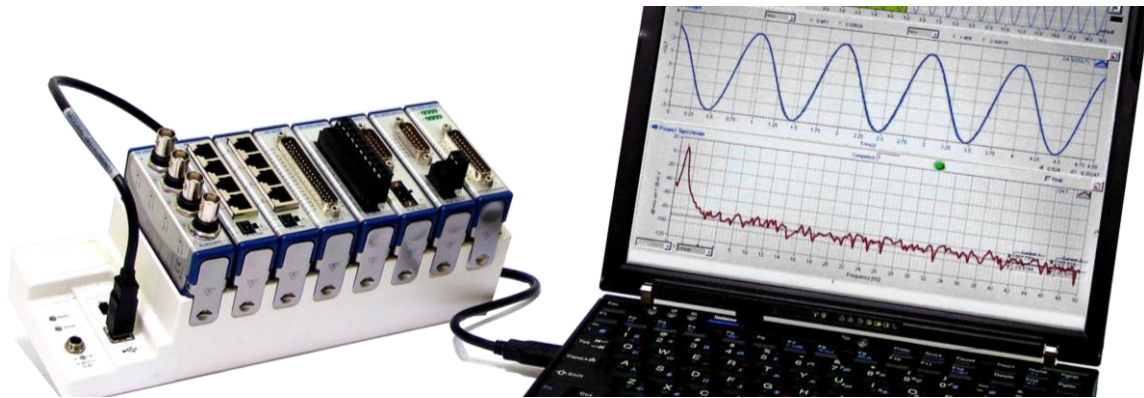


FleXense STD



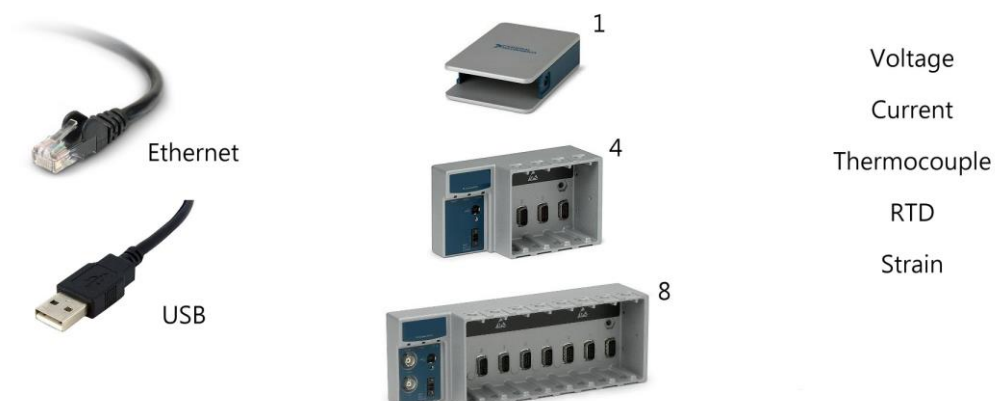
Complicated measuring with easy-to-use FleXense STD:

The FleXense STD is a multi-purpose signal measuring and analyzing software applied to different applications such as strain, vibration, current, and temperature. With the USB or Ethernet interface and various plug and play modules, FleXense STD is a powerful and easy-to-use tool for end users doing research and development for academic and industrial users.

System feature:

- Easy-to-use GUI.
- Various modules of different signal measuring and analyzing can be changed by the user depends on the application.
- Real-time measuring, logging and displaying with report generating tools.
- Data can be recorded directly to hard disk drive and capable of VERY long time recording.
- Cost Saving. Compared with traditional ones, FleXense STD allows user to save up to 80% cost.

System Architecture:



Specification

Carrier slots	1, 4, 8	
Power	Single slot: powered by usb. 4 & 8 slots : 9-35 Vdc	
Interface	USB 2.0 or Ethernet	
Signals	Voltage	$\pm 80\text{ mV} \sim \pm 60$ (depends on module)
	Current	$\pm 20\text{mA} \sim \pm 5\text{A}$ (depends on module) $\pm 5\text{A}$ (with Current Shunt)
	Temperature	Thermocouple or RTD(3-wire or 4-wire)
	Strain	1/4, 1/2, full bridge
	Vibration	IEPE accelerometer
Channels	128 Max.(depends on module)	
Sampling Rate	10Hz ~ 100kHz(depends on module)	
Synchronize measuring	Yes (depends on module)	
Resolution	12~24bit	
Software Function	Long time logging	Yes
	Mass file analyzing	Yes(> 500MB)
	Measuring method	Continuous or trigger
	Statistical operation	Yes
	Virtual channel	Yes
	Filter	Yes (High pass, Low pass, Band pass)
	Waveform-Time Chart	Yes (up to 3 Y-T Chart)
	Display	Meter, XY graph, Bar Chart
	Statistical trend analysis	Yes(Max、Min、RMS、Mean)
	Zoom in & out	Yes
	Report format	EXCEL, ASCII, HTML
	Real-time analysis	FFT, Power Spectrum
	Optional module	Force platform module Drop test module CAN Bus module
Languages	English, Traditional Chinese, Simplified Chinese.	
Basic computer requirement	CPU: P4, RAM: 1GB, HD: 1GB, USB 2.0	
Basic monitor requirement	1280×768 resolution	
Operation system	Windows XP/VISTA/WIN7/WIN 8/WIN10	

