

# VCS UI Hardware Menu

Hardware configuration within VCS begins with Spider connection.

Then continues with the test type selection to matches physical model.

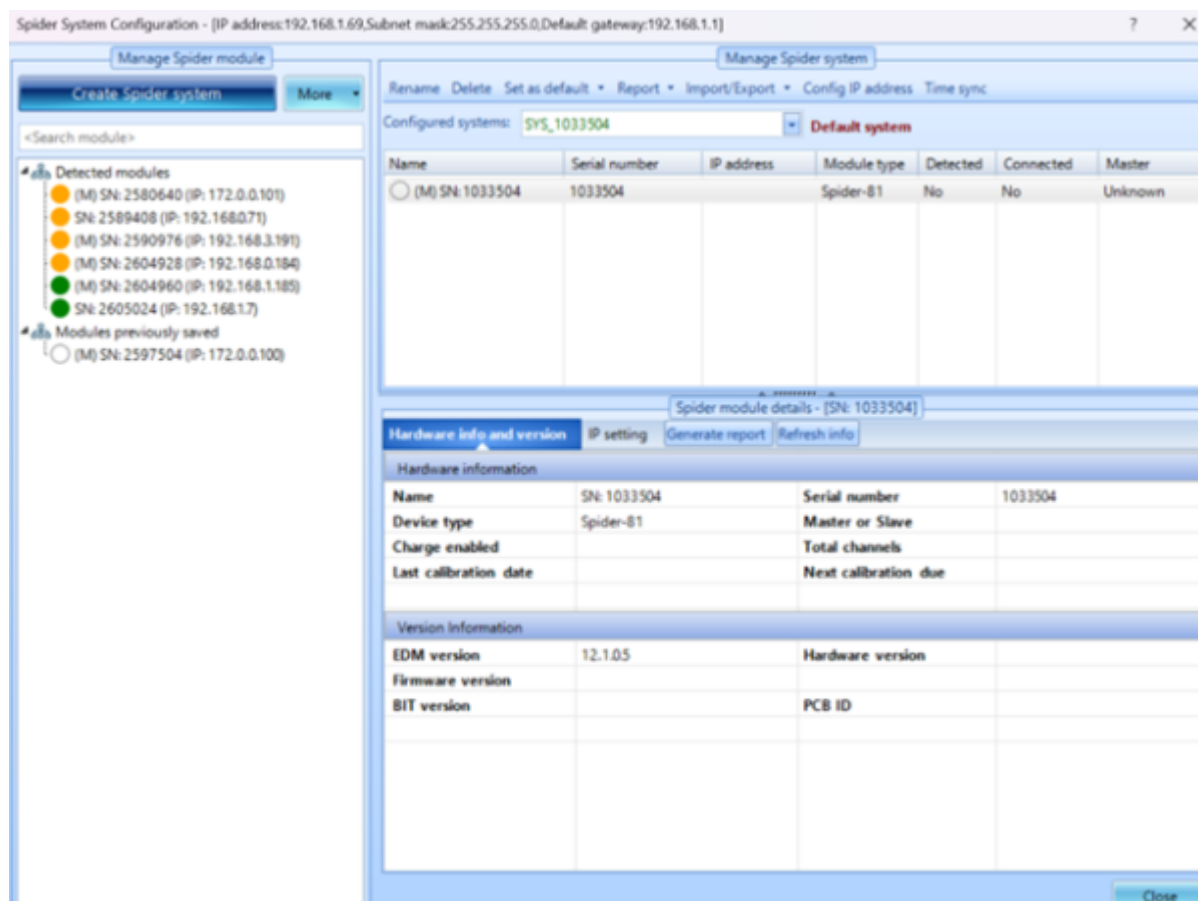
Hardware setup continues with Shaker parameters within [VCS UI Config](#)

Inputs and signal control follow from the Top Toolbar to match sensor setup.

## Ribbon -> Tools

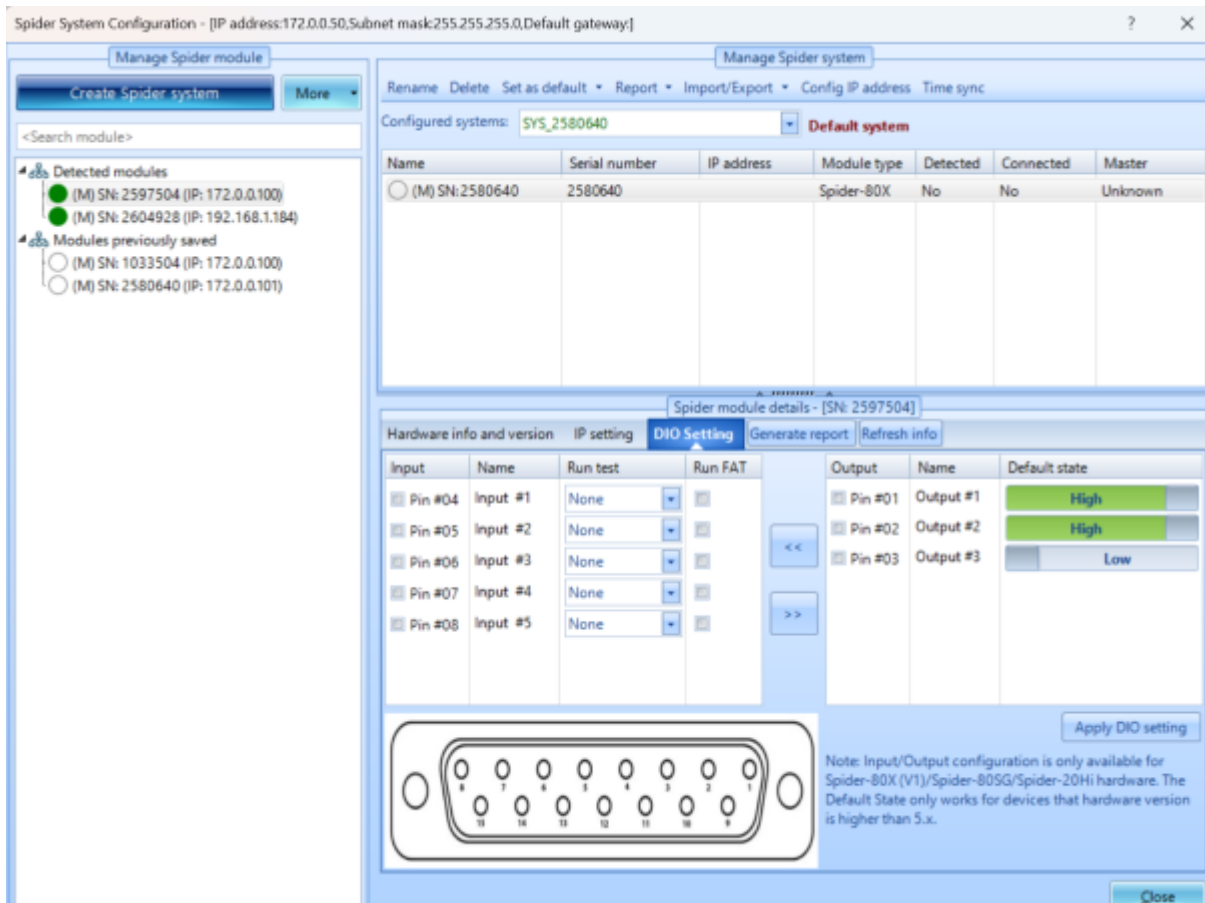
**Spider Configuration:** Displays detected modules as well as currently selected spider's information regarding model type serial number and EDM version. Spider configuration is available when you are not connected to a spider currently.

Options include renaming spider system, setting as default system, importing a new system and IP address configuration.



**DIO** Digital input & output allows for customization of input and output channels

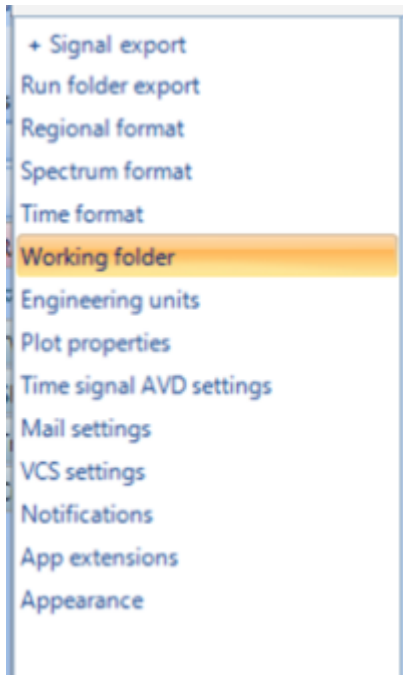
A spider must be selected from the modules page to access DIO



**Spider Date & Time Settings:** Set Date & Time to be synchronized with PC or to custom setup.

**Global Settings:** Allows customization of interface appearance, units, formatting, notifications and plot properties.

**Working Folder:** Sets the file browser/PC location of recording and saves data, as well as generated reports.



## Top Toolbar -> Inputs

	Actions	On/Off	Channel type	Location ID	Measurement quantity	Engineering unit	Sensitivity	Input mode	Sensor	Max. sensor range	High-pass filter Fc (Hz)
1		<input checked="" type="checkbox"/>	Control	Ch1	Acceleration		101.1 (mV/g)	EPE	N/A	20 (V)	2
2		<input checked="" type="checkbox"/>	Monitor	Ch2	Acceleration		100 (mV/g)	EPE	N/A	20 (V)	2
3		<input type="checkbox"/>	Monitor	Ch3	Acceleration		100 (mV/g)	AC-Single End	N/A	20 (V)	2
4		<input type="checkbox"/>	Monitor	Ch4	Acceleration		100 (mV/g)	AC-Single End	N/A	20 (V)	2
5		<input type="checkbox"/>	Monitor	Ch5	Acceleration		100 (mV/g)	AC-Single End	N/A	20 (V)	2
6		<input type="checkbox"/>	Monitor	Ch6	Acceleration		100 (mV/g)	AC-Single End	N/A	20 (V)	2
7		<input type="checkbox"/>	Monitor	Ch7	Acceleration		100 (mV/g)	AC-Single End	N/A	20 (V)	2
8		<input type="checkbox"/>	Monitor	Ch8	Acceleration		100 (mV/g)	AC-Single End	N/A	20 (V)	2

Input Channels for Test window allows you to define active channels as well as control and monitor channels. You can set the Name, Measurement, EU, Sensitivity and Input mode for the type of sensor used in test. High-pass and max range voltage range can also be set.

## Settings

Shortcut to Global settings as described in Tools → Global settings.

Global settings include engineering units, which is important for sensor/input configuration, VCS settings, used for setup specific and test type information as well as common settings, and controls pass-filters for all incoming data.

From:

<https://help.go-ci.com/> - **Crystal Instruments Help**

Permanent link:

<https://help.go-ci.com/vcs:ui-overview:hardware-menu?rev=1771448741>

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