

Getting Started with UltraScope

Date: 02.10.2016

UltraScope provides a basic remote interface to control and return data from a DS1000Z, DS2000/A, DS4000, and DS6000 Series oscilloscopes.

Requirements

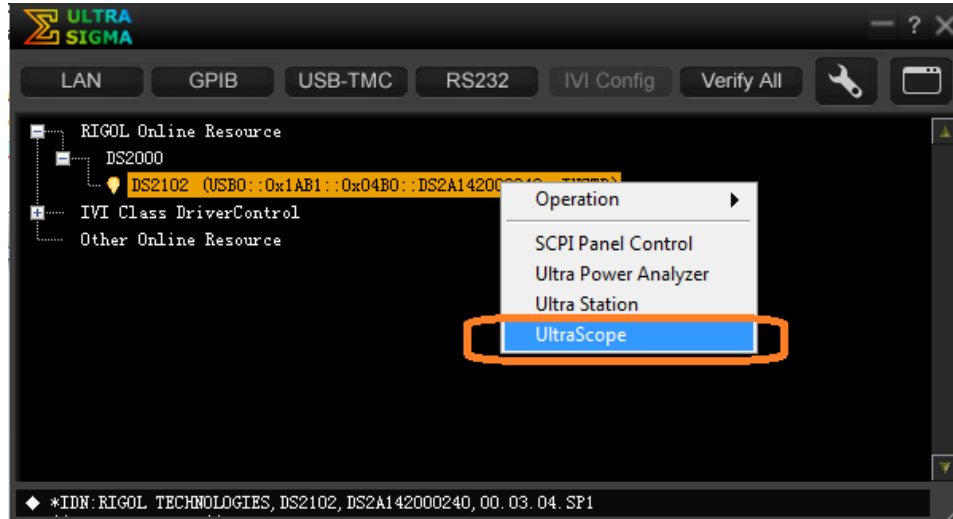
- UltraSigma software
- UltraScope software for the DS1000Z, DS2000/A, DS4000, and DS6000 series oscilloscopes

Setup

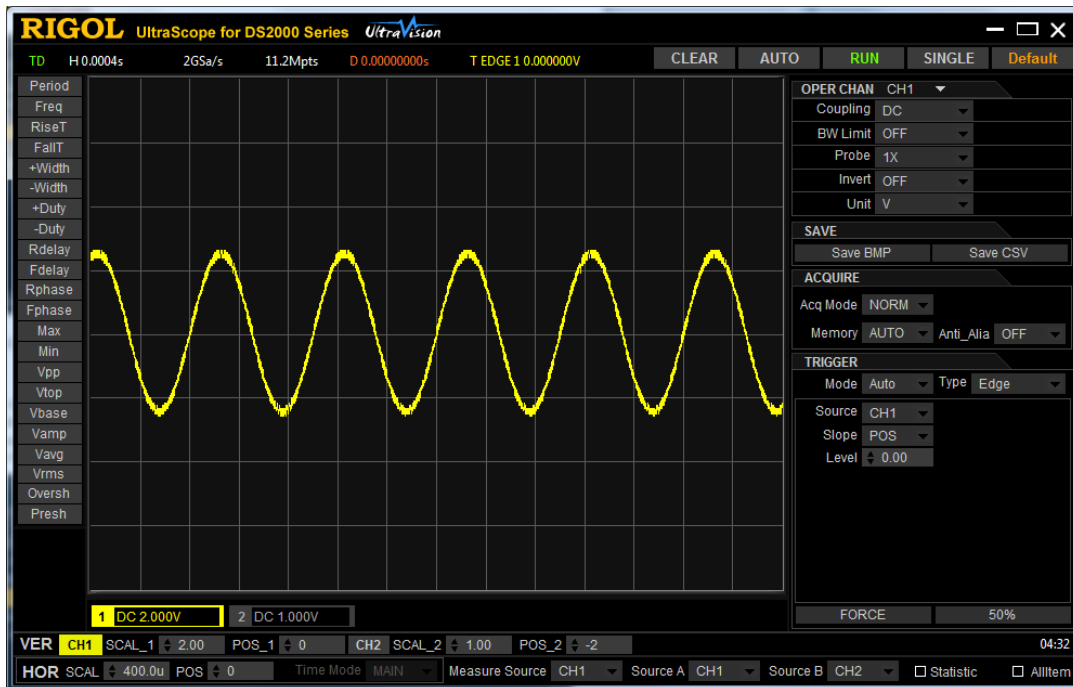
1. Download and Install UltraSigma and UltraScope software (see the Software Tab of any DS series scope product page on www.rigolna.com for links to the downloads)
2. Connect the oscilloscope to the controlling computer using a USB or LAN cable (the instructions will pertain to USB connections. For LAN, see the UltraSigma Getting Started Guide)
3. Click on the UltraSigma icon to start the UltraSigma application
4. After UltraSigma starts, you should see the connected Rigol instrumentation. In this example, we are using a DS2000 scope connected via USB



5. Right-click on the scope and select UltraScope

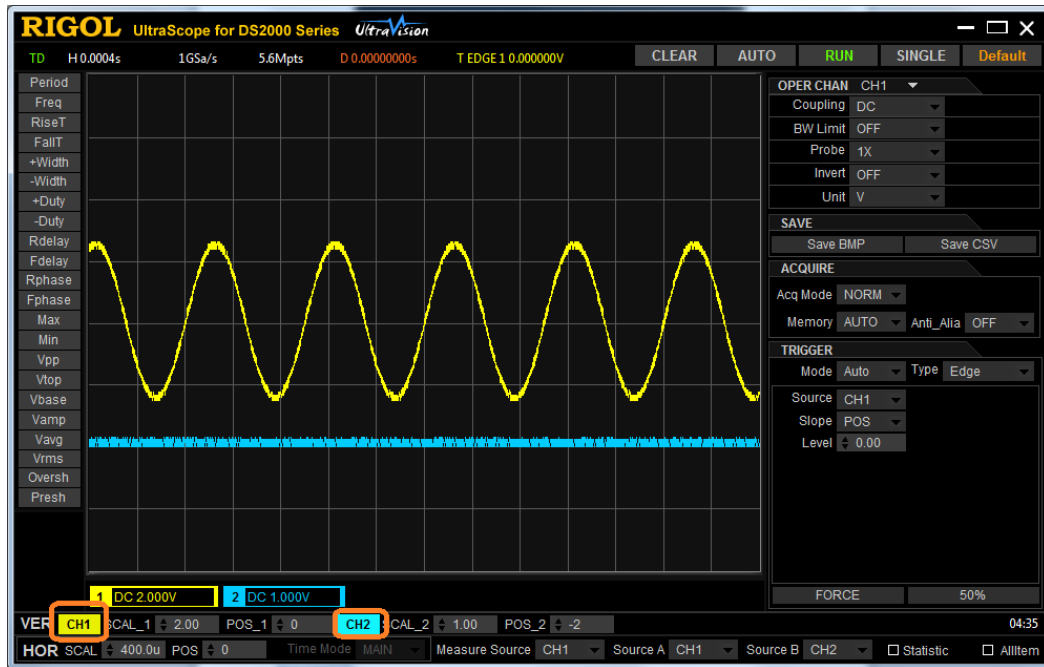


6. The UltraScope main screen will load as shown below:

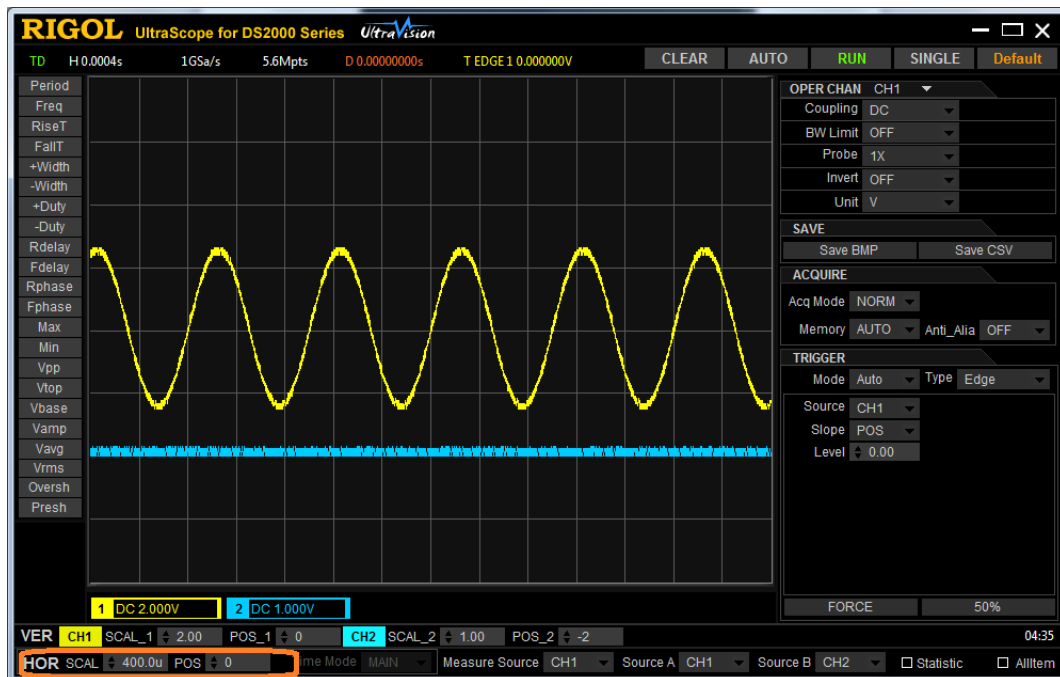


Configuration

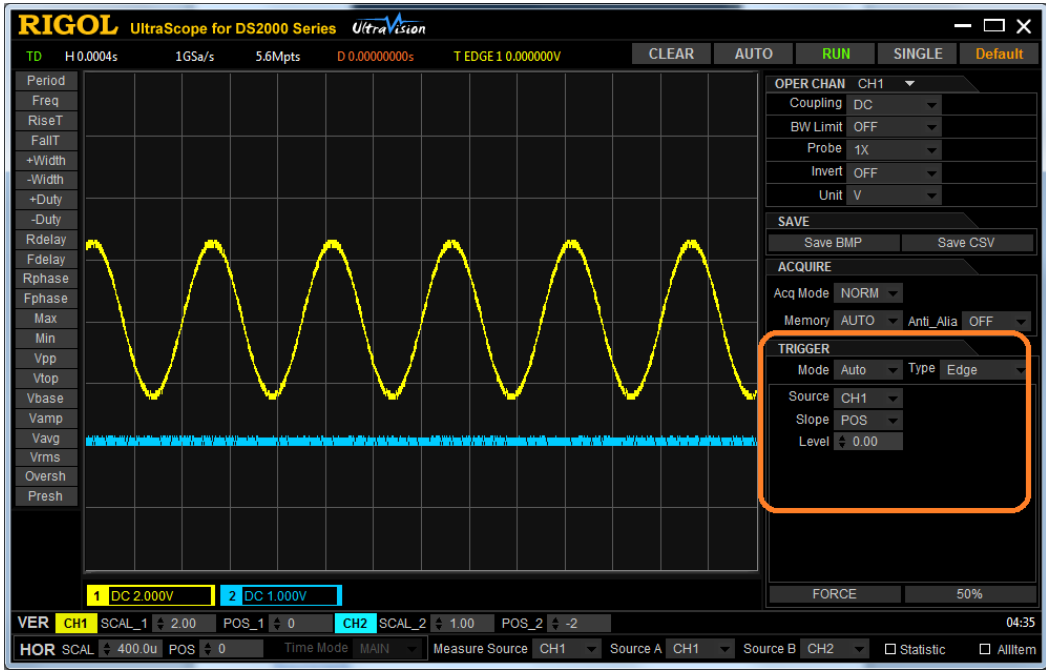
1. To adjust a specific channel, select the channel indicator and adjust the vertical scales and positions



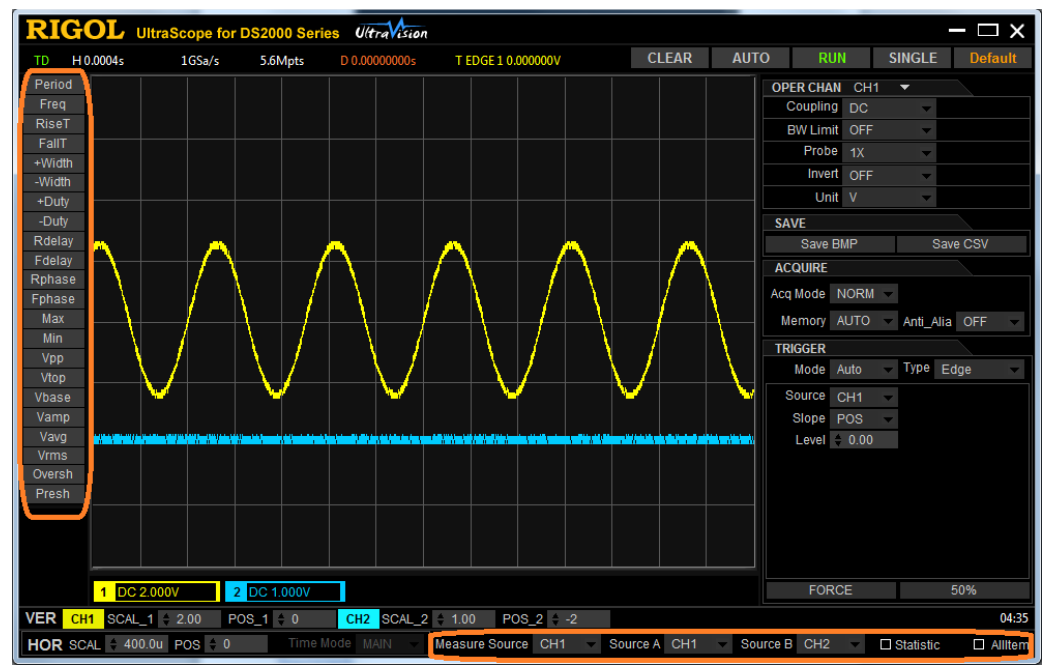
2. To adjust the horizontal position and scale, click on the SCAL or POS text boxes



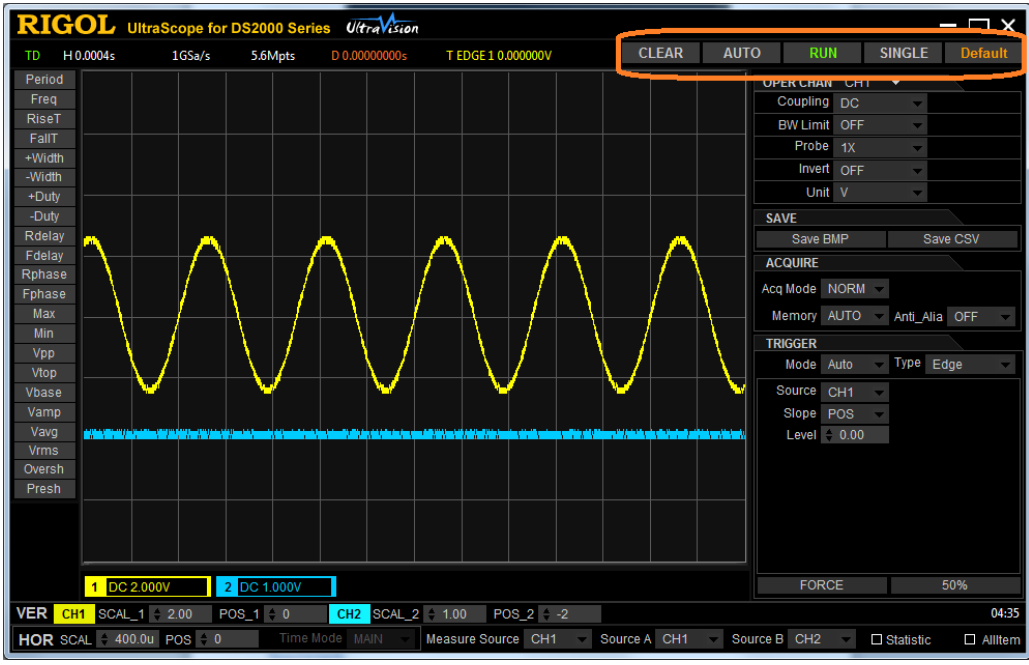
3. Adjust the Trigger in the trigger area



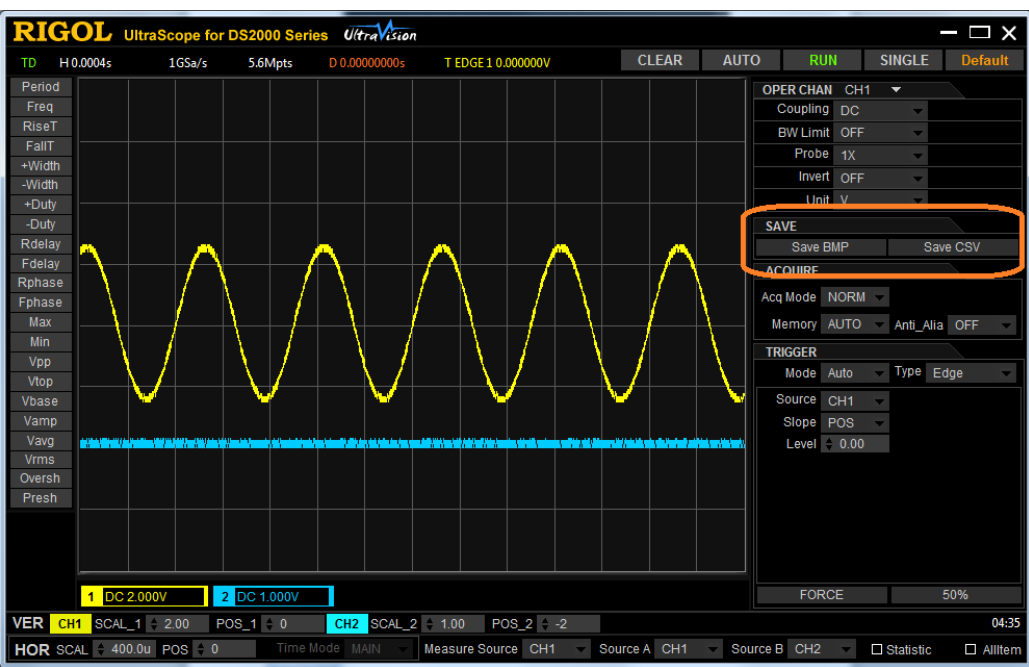
4. You can enable quick measurements by selecting the Measurement channel and then select the measurement type



5. You can control the run state of the scope by pressing the RUN or SINGLE buttons



6. After you have the waveform, you can capture BMPs or CSVs of the data by selecting BMP or CSV in the save area:



Find more information online [DS Oscilloscope Family Information page](#)

For more information on our waveform generators or other products please go to rigolna.com or contact us directly at applications@rigoltech.com or call us toll free at 877-4-RIGOL-1.

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