Installation of Ultra based software

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Solution: Here are the instructions for installing programs belonging to the Rigol Ultra family of software.

Here is a list of current members of the Ultra family:

- UltraSpectrum – For use with the DSA series of Digital Spectrometers
- Ultra Signal Studio – For use with the DG4 and DG5 series of Arbitrary Waveform Generators
- UltraPower – For use with the DP series of power supplies

    NOTE: UltraSigma must be installed and run at least once before you can install any additional Ultra software.

1. Download and install UltraSigma. Run UltraSigma at least one time before proceeding with additional Ultra family installations.

    NOTE: On Win 7 systems, the software must be installed using the Built-In Administrator user account. Please enable the Built-In Administrator account and use it for all software installation. User accounts with full administrative privileges will not work!

2. Download the program of interest from the Ultra family.

3. Extract the installation file that ends with ".EXE " to the desktop.

4. Double-click on the EXE. You should get an installation splash screen similar to this:

5. Click Next.

6. After the installer is finished, you will need to select Finish to complete the installation.

To Run the software

1. Connect the instrument you want to control to the computer. Make sure that the instrument is configured to use the desired communications bus. For example, make sure that you have an Ethernet cable connected to the instrument and computer through a working switch or network and that the instrument is configured for proper Ethernet communications.

2. Double-click the UltraSigma Icon on your desktop

Ultra Sigma

3. *NOTE:* If you are using a computer with Win 7 OS and are not using the full Built-In Administrator Account, you will need to right-click on the icon or EXE and select "Run as Administrator"

Ultra Si...
Open
Troubleshoot compatibility
Open file location
Run as administrator
Scan with AVG
UltraEdit
Share in WebEx Meeting
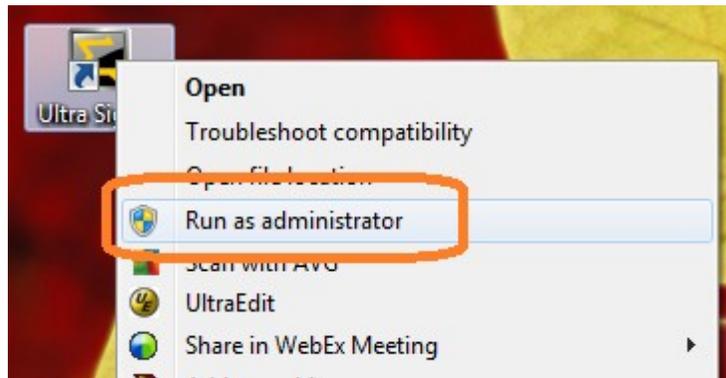
4. If everything is configured correctly, you should see a window similar to this:

ULTRA SIGMA

LAN | GPIB
USB-TMC | RS232
IVI Config | Verify All

RIGOL Online Resource
  DSA1000A
    DSA1030A (USB0::0x0400::0x09C4::DSA1A124400151::INSTR)
  IVI Class DriverControl
  Other Online Resource

◆ *IDN:Rigol Technologies, DSA1030A, DSA1A124400151, 00.01.04.01.03
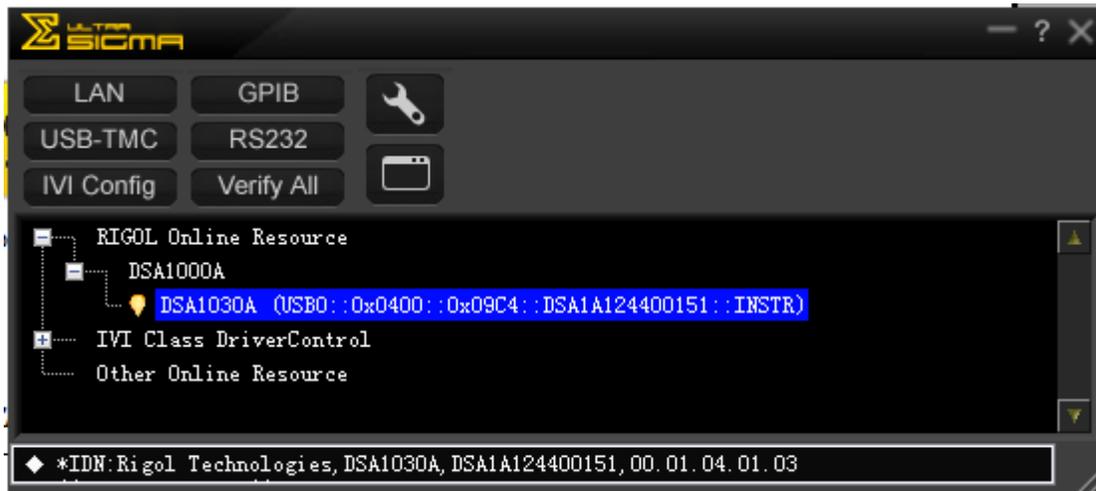
- The Blue highlighted area is the VISA address for the instrument that is connected. In this case, it is a DSA connected via USB.

5. Right-click on the instrument of choice, and note that the instrument specific software will be available. In the example below, a DSA is connected, and so, UltraSpectrum is shown.
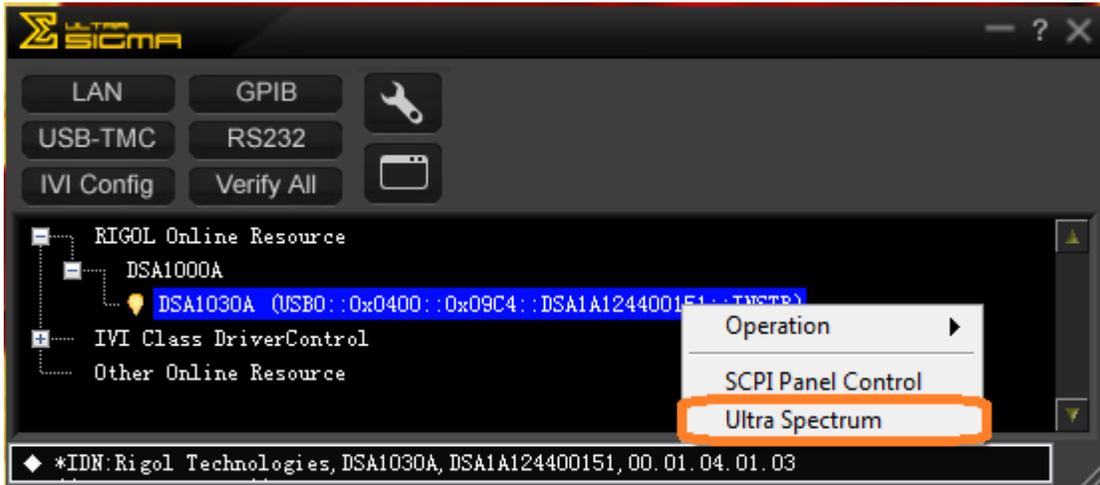
6. Many of the software platforms are free and others offer a 15 day free trial. Just select free trial to move forward. Contact Rigol for pricing for obtaining a license code to register your software for permanent usage.