

How to configure a DMM scan using EasyDMM

September 19, 2018

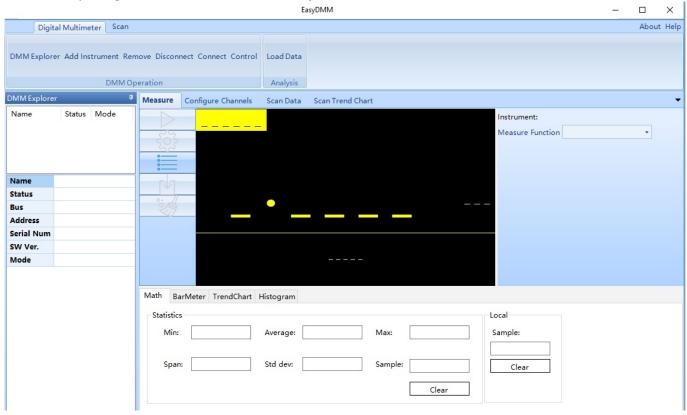
The SIGLENT SDM3055-SC and SDM3065-SC instruments are digital multimeters with switch cards that allow for up to 12 voltage-function measurements (and an additional separate 4 current measurement channels).

SIGLENTs EasyDMM software provides easy instrument control and data collection.

In this note, we will show how to configure EasyDMM to perform a scan

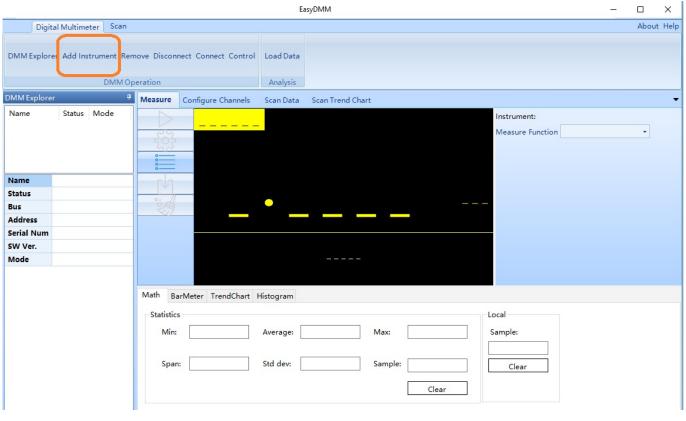
- 1. Download and install EasyDMM. You can find the download instructions and files here: <u>DMM Software</u>
- 2. Connect the SDM to the controlling computer or network. The SDMs have USB and LAN connections. In this note, we are using a USB connection
- 3. Open EasyDMM by clicking on the desktop icon or running the executable from the start menu.

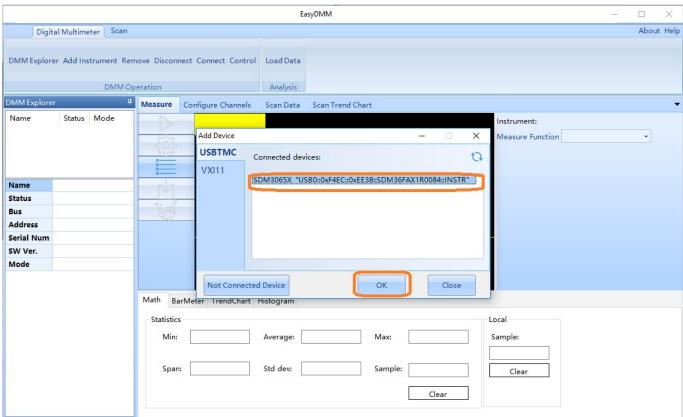
The initial opening screen will show this basic layout:



4. Now, click on Add Instrument, select the USB device you wish to control (USBTMC as shown), and click OK:

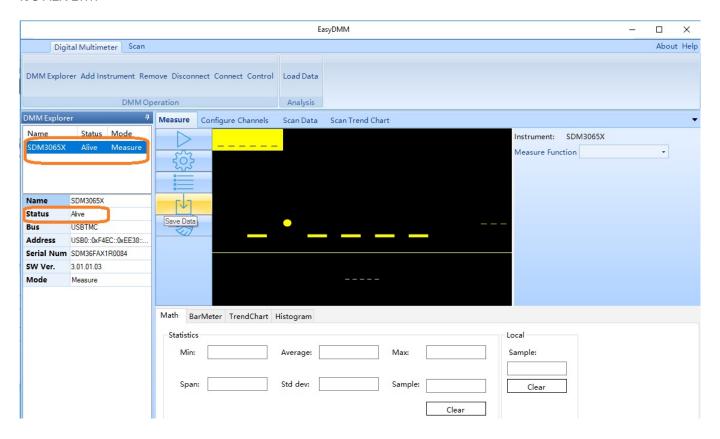








It's ALIVE!!!!



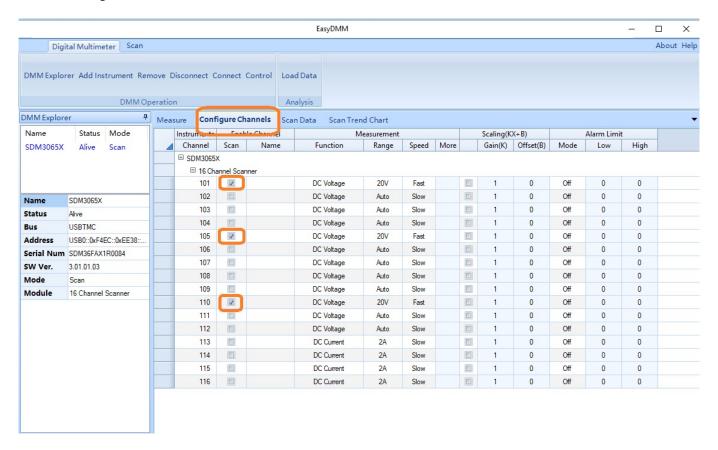
5. Now, select Scan Mode. Note that the Scanner field appears:





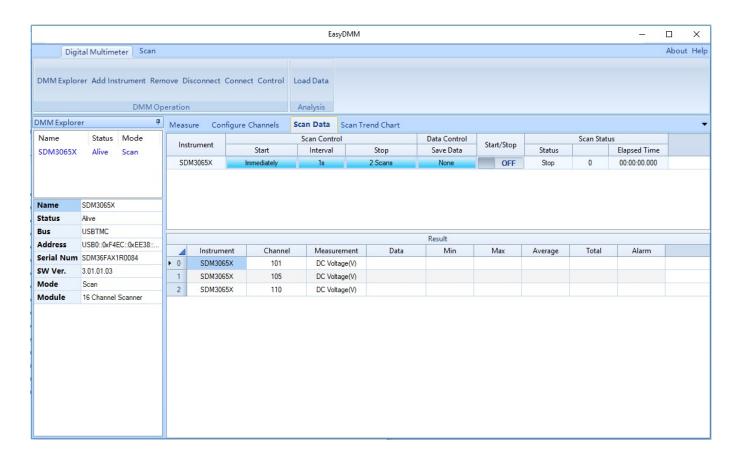


6. Select Configure Channels. Select the channels you wish to control using the checkbox. Also select the function, range, etc...:



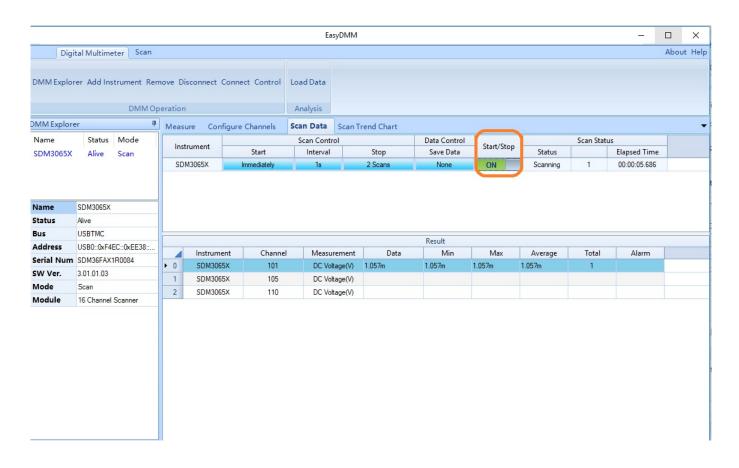
7. After configuring the channels, select Scan Data and set the start, interval, stop, and data control values:



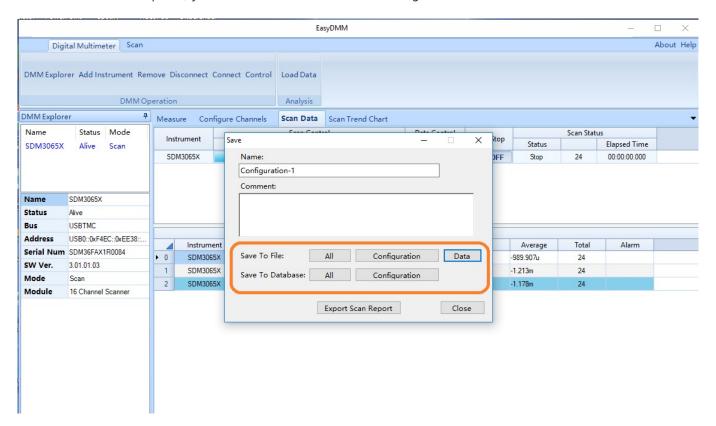


8. When you want to start the scan, click on the Start/Stop slider as shown:

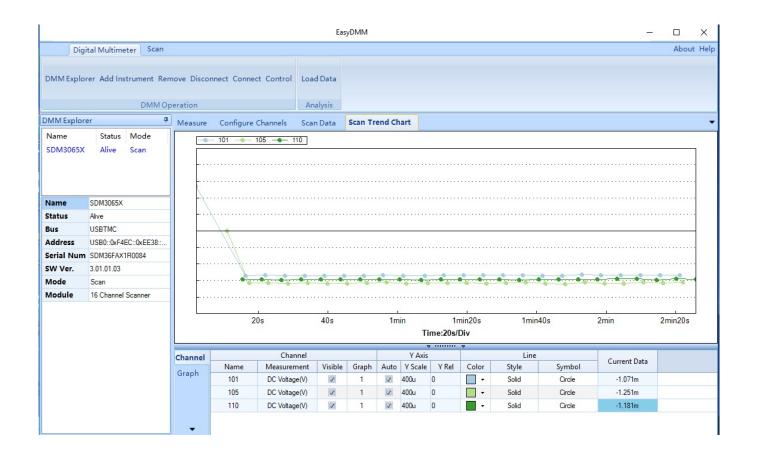




After the scan is complete, you can save the data or view using the Scan Trend Chart:









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