

# EasyDMM First Use

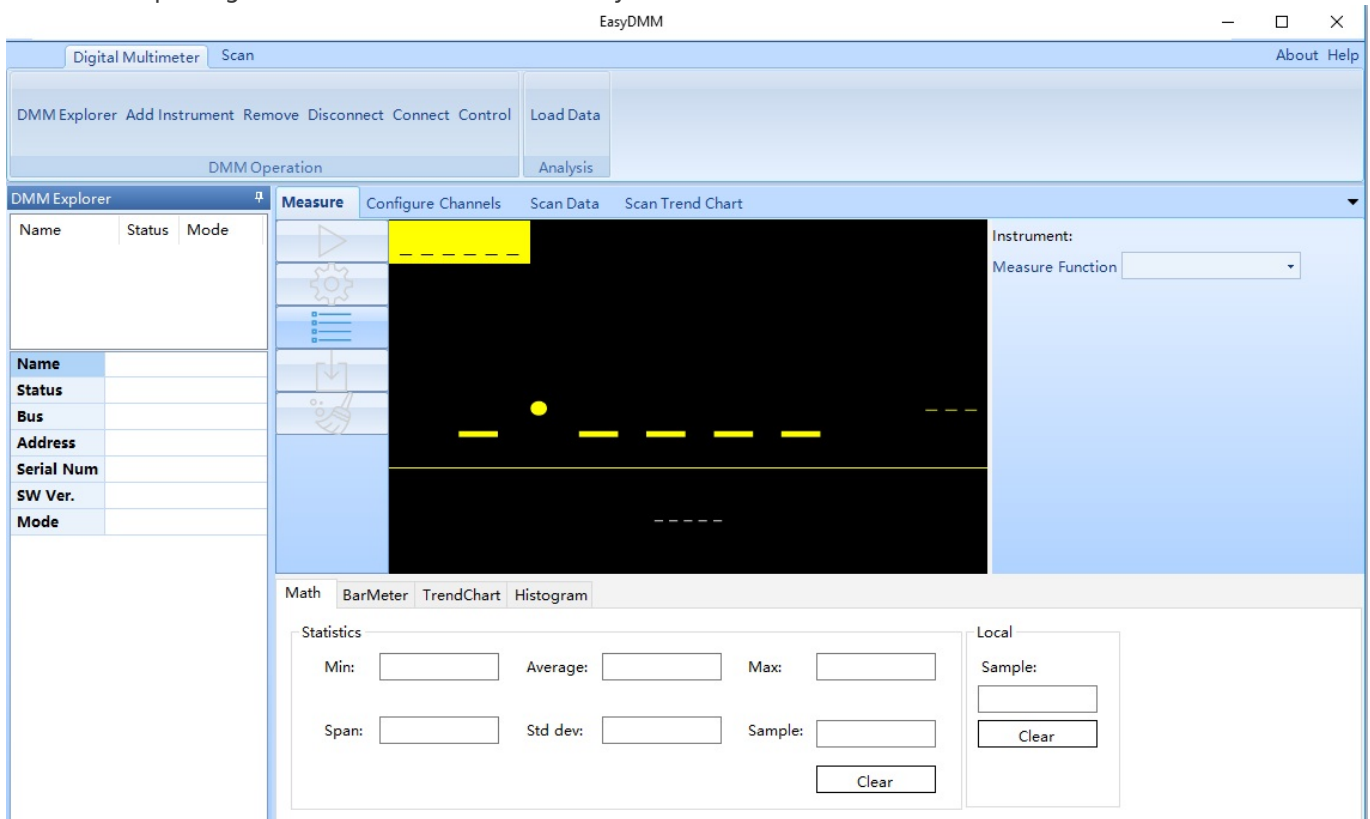
August 27, 2019

SIGLENTs EasyDMM software provides easy instrument control and data collection.

In this note, we will show how to configure EasyDMM for the first time.

1. Download and install EasyDMM. You can find the download instructions and files here: [DMM Software](#)
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:

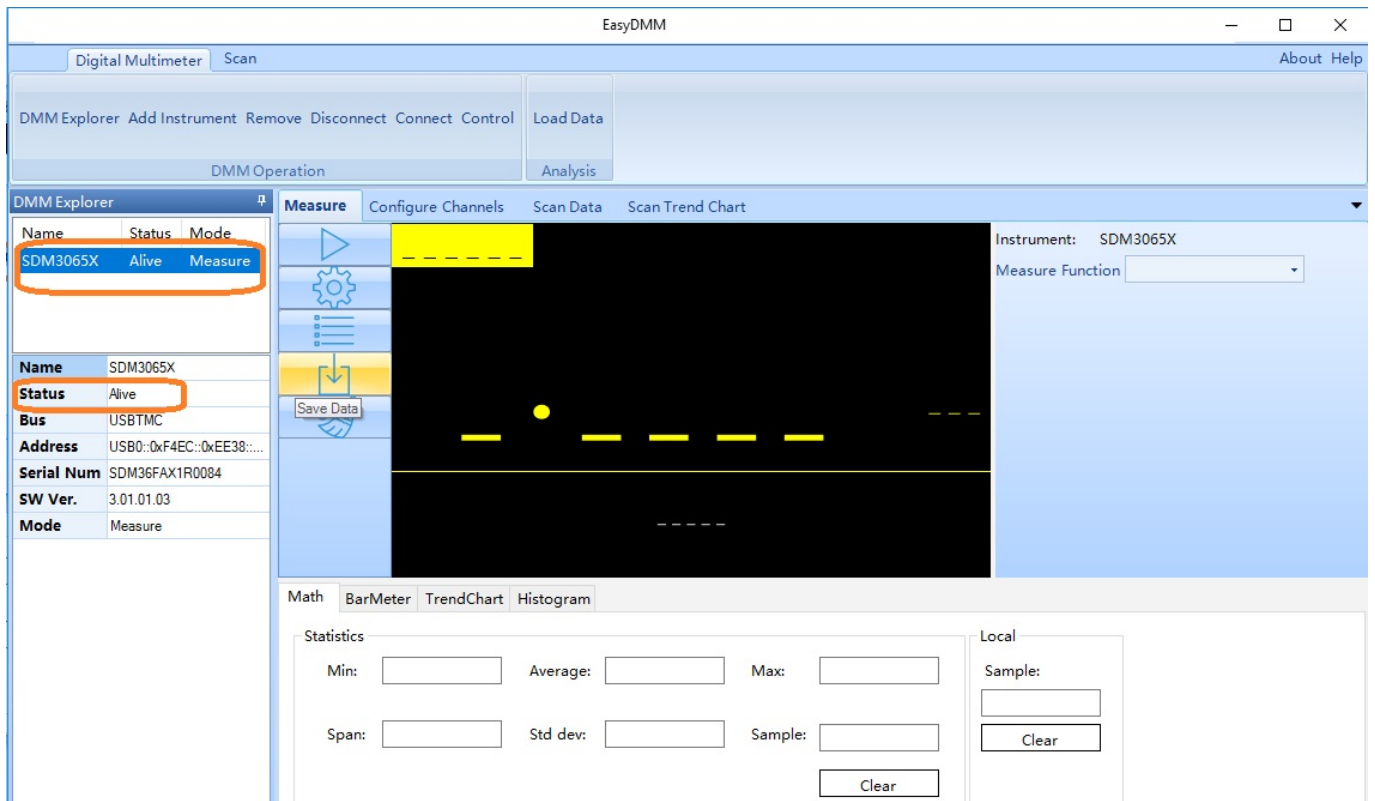


4. Now, click on Add Instrument, select the USB device you wish to control (USBTMC as shown), and click OK:

The screenshot shows the EasyDMM software interface. At the top, there are tabs for 'Digital Multimeter' and 'Scan'. Below the tabs is a menu bar with 'DMM Explorer', 'Add Instrument', 'Remove', 'Disconnect', 'Connect', 'Control', and 'Load Data'. The 'Add Instrument' button is highlighted with an orange rectangle. Below the menu bar is a 'DMM Operation' section with 'DMM Explorer' and 'Analysis' tabs. The 'DMM Explorer' tab is active, showing a table with columns 'Name', 'Status', and 'Mode'. Below the table are fields for 'Name', 'Status', 'Bus', 'Address', 'Serial Num', 'SW Ver.', and 'Mode'. To the right of the table is a 'Measure' section with a 'Measure' button and a 'Configure Channels' button. Below these is a large black area with a yellow bar at the top and a yellow dot in the center. To the right of this area is an 'Instrument:' dropdown menu and a 'Measure Function' dropdown menu. Below the black area is a 'Math' section with 'BarMeter', 'TrendChart', and 'Histogram' tabs. Below the 'Math' section are 'Statistics' and 'Local' sections, each with input fields for 'Min', 'Average', 'Max', 'Span', 'Std dev', and 'Sample', and 'Clear' buttons.

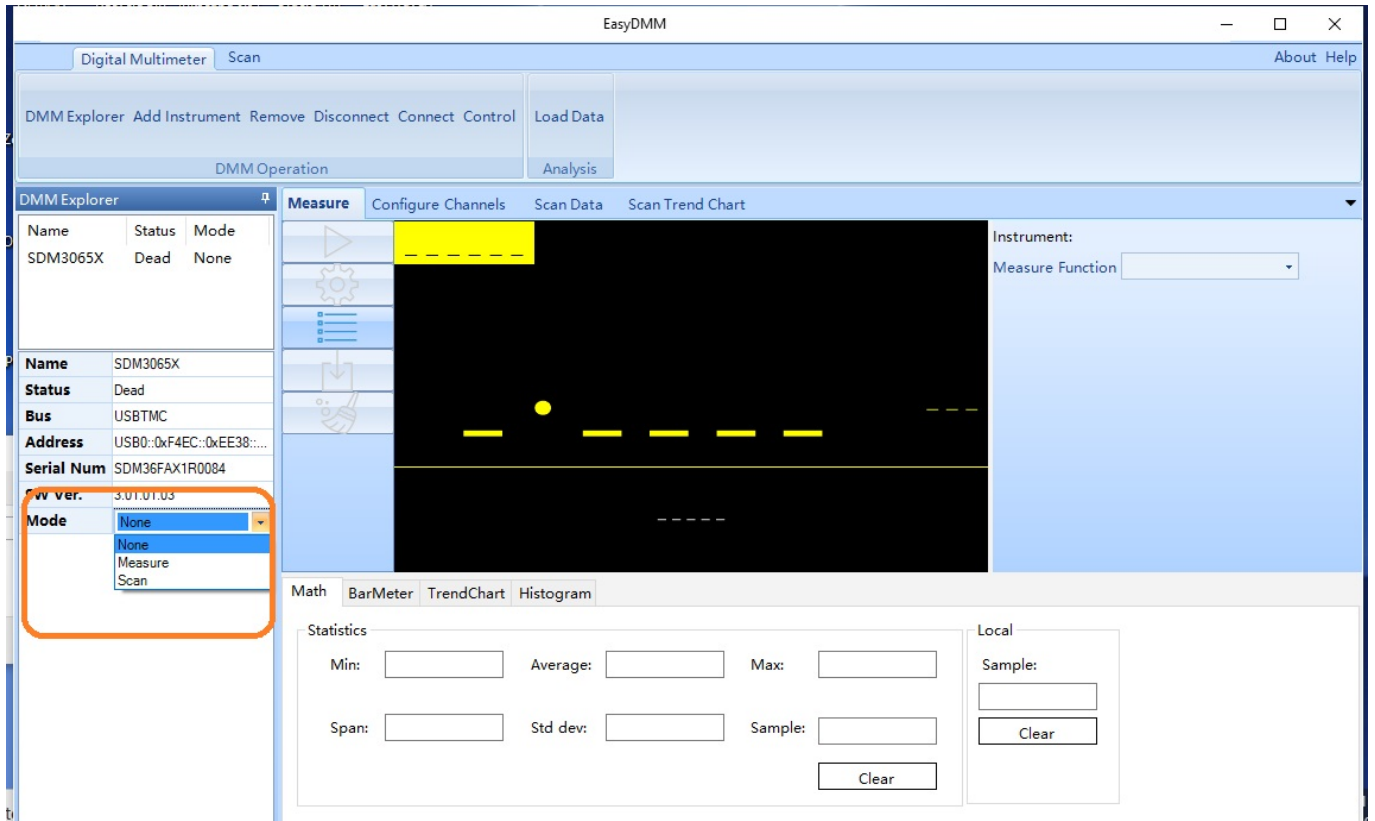
The screenshot shows the EasyDMM software interface with the 'Add Device' dialog box open. The dialog box has a title bar 'Add Device' and a close button. It contains a list of 'Connected devices' with the following entry: 'USBTMC VXI11' and a device ID 'SDM3065X "USB0::0xF4EC::0xEE38::SDM36FAX1R0084::INSTR"'. The device ID is highlighted with an orange rectangle. Below the list are buttons for 'Not Connected Device', 'OK', and 'Close'. The 'OK' button is highlighted with an orange rectangle. The background of the software interface is the same as the previous screenshot, but the 'Add Instrument' button is no longer highlighted.

It's ALIVE!!!!

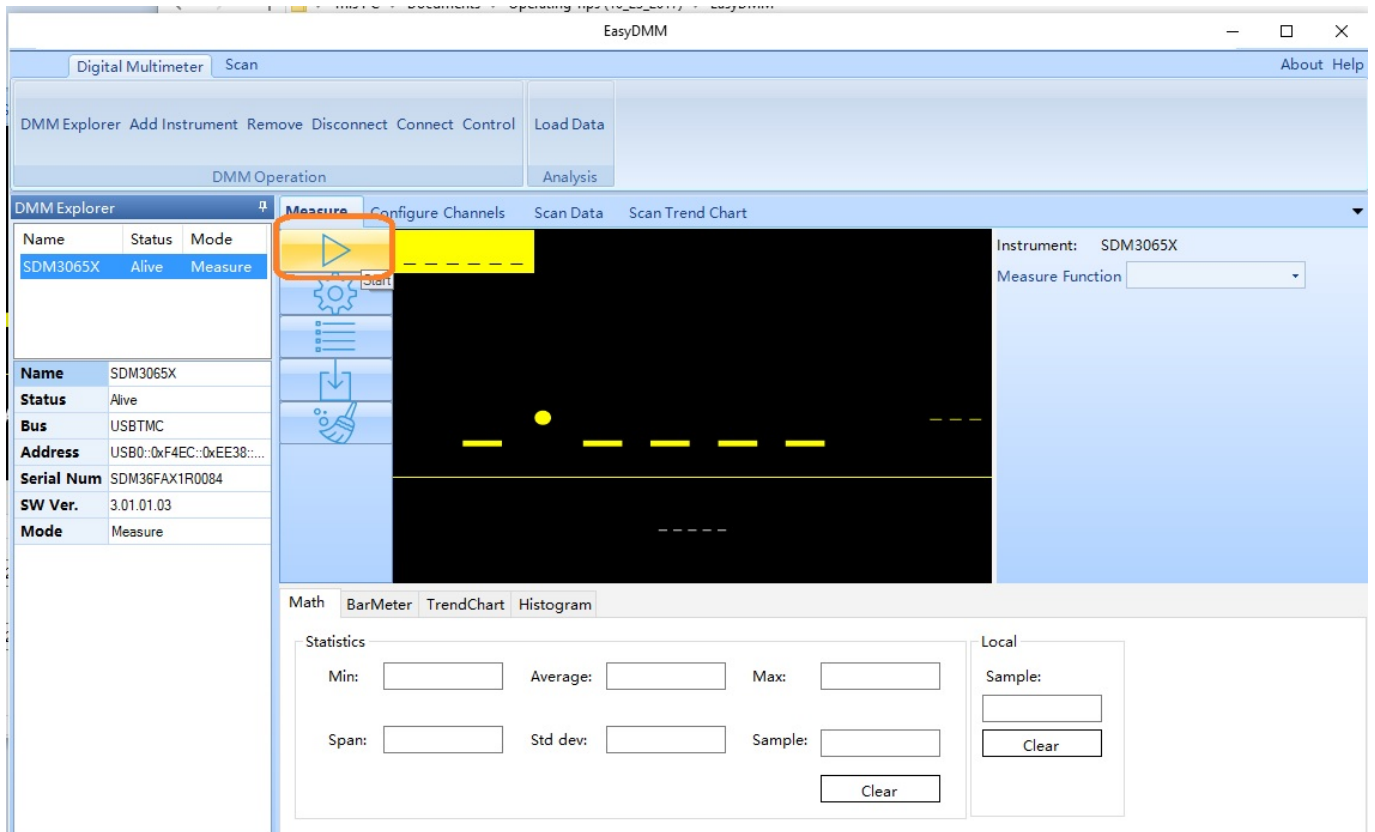


5. Set Mode to Measure:

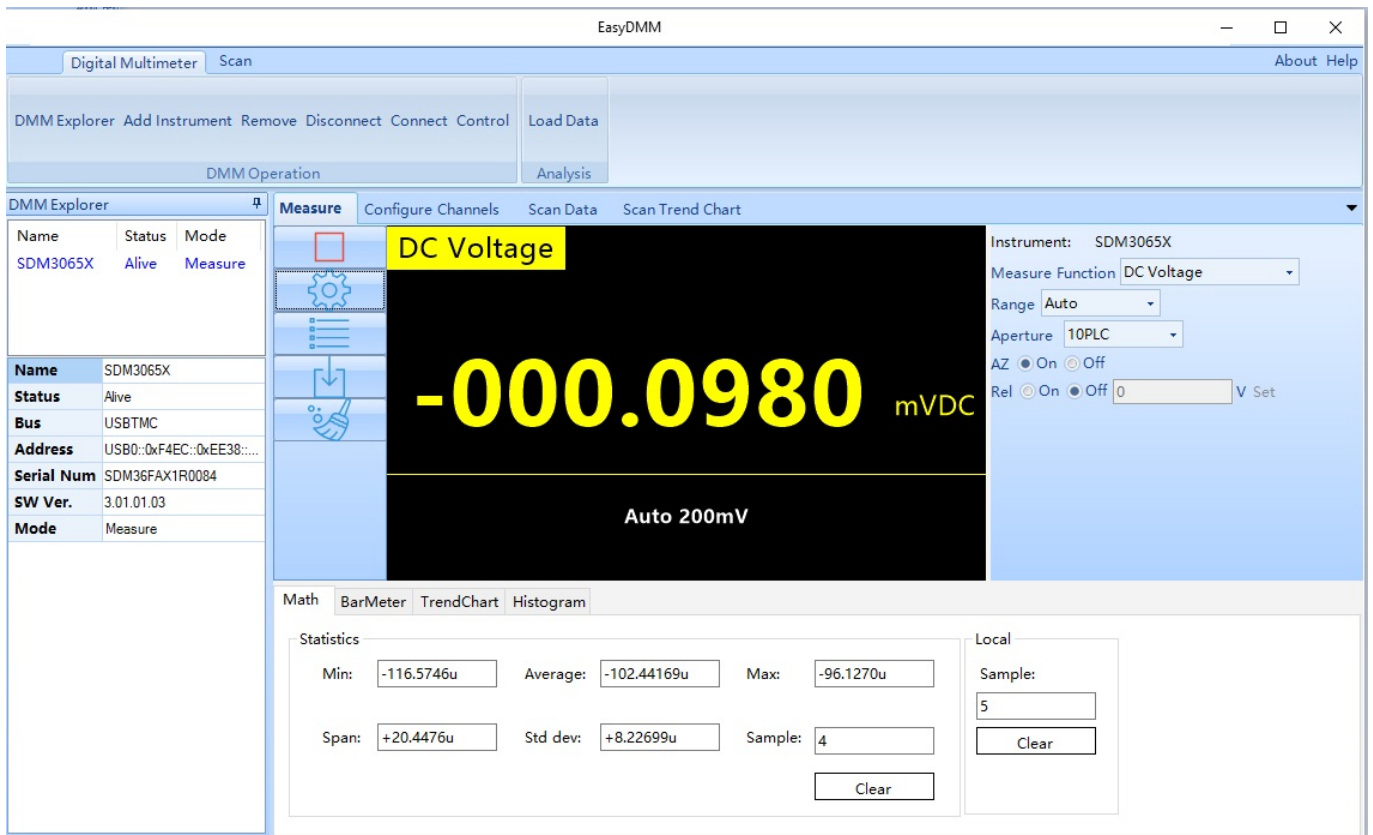
6.



To connect and receive measurements from the instrument, you can click on the “run” button:



This will update the data on the display:



From here, you can adjust the measurement type:

**DMM Explorer**

Name	Status	Mode
SDM3065X	Alive	Measure

<b>Name</b>	SDM3065X
<b>Status</b>	Alive
<b>Bus</b>	USBTMC
<b>Address</b>	USB0::0xF4EC::0xEE38:...
<b>Serial Num</b>	SDM36FAX1R0084
<b>SW Ver.</b>	3.01.01.03
<b>Mode</b>	Measure

**DC Voltage**

**-000.1295 mVDC**

Auto 200mV

Instrument: SDM3065X

Measure Function: DC Voltage

Range: Auto

Aperture: 10PLC

Auto:  On  Off

Rel:  On  Off

Statistics

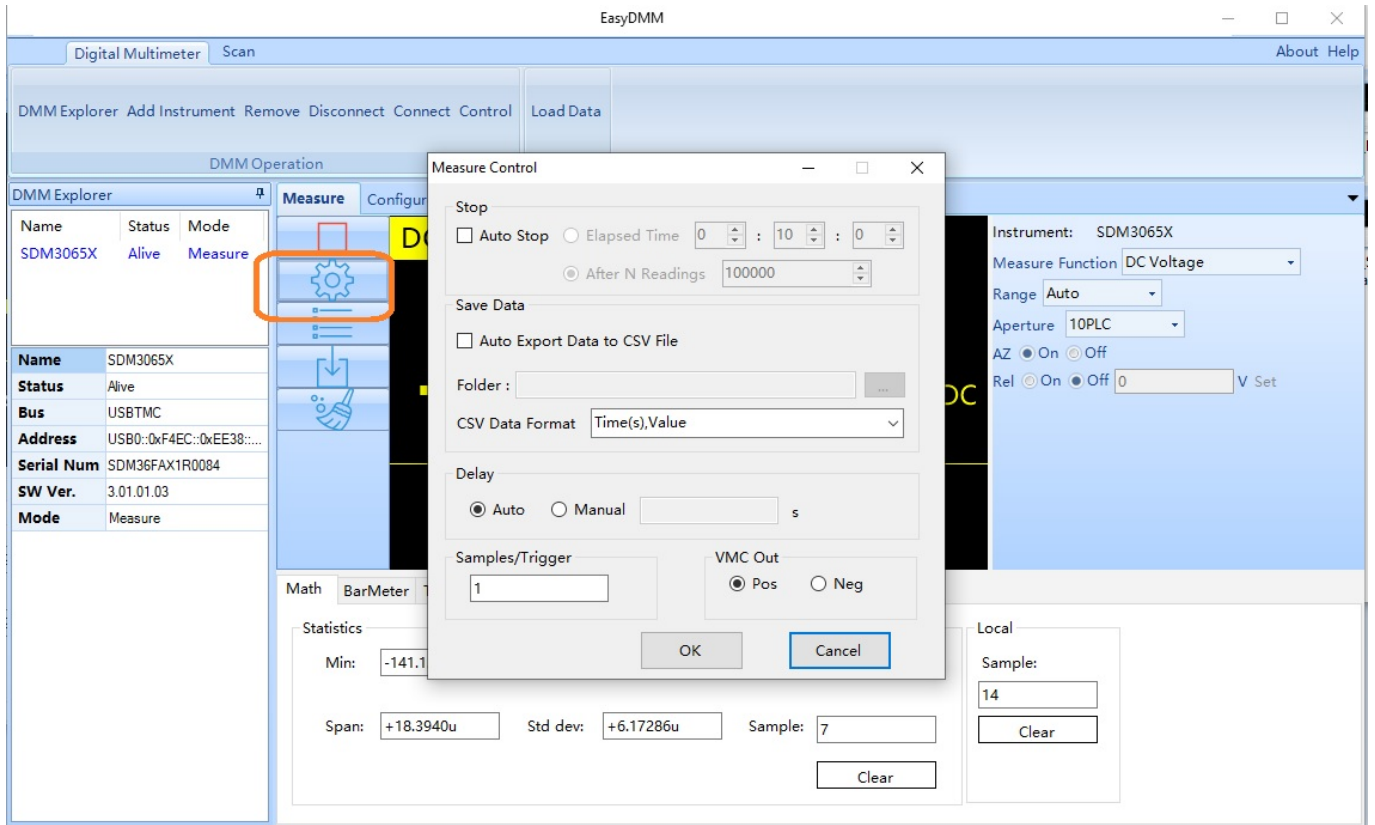
Min:	-152.3652u	Average:	-126.01151u	Max:	-101.6129u
Span:	+50.7523u	Std dev:	+9.44880u	Sample:	292

Local

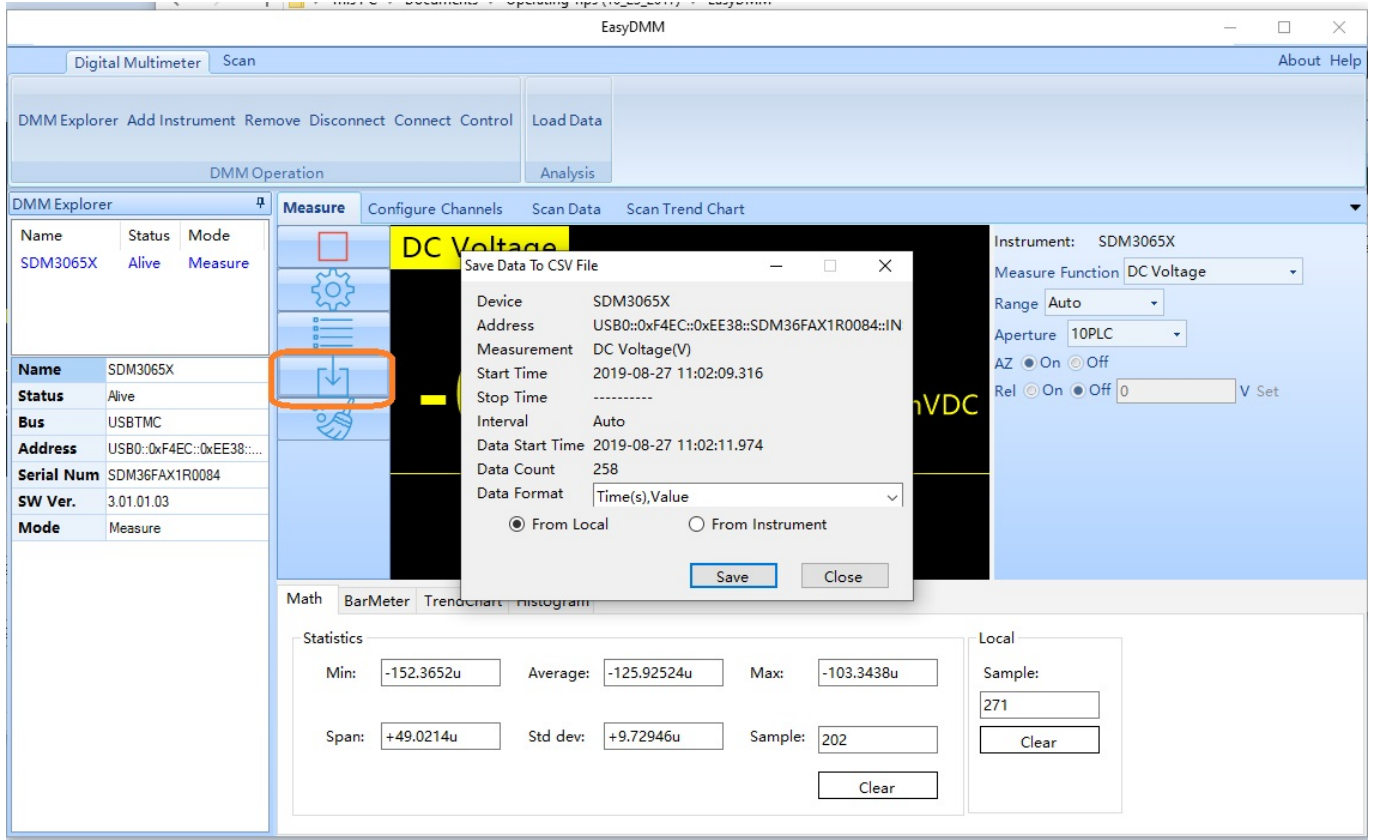
Sample: 14

Clear

View Data:



Save Data:



If you have an SDM3055 or SDM3065X with Scan Card (-SC part numbers), there is also a nice note on scanning here: [Configure EasyDMM Scanning](#)





### **North American Headquarters**

SIGLENT Technologies America, Inc  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free:877-515-5551  
Fax: 440-399-1211  
[info@siglent.com](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://www.siglentamerica.com/)

### **European Sales Offices**

SIGLENT TECHNOLOGIES EUROPE GmbH  
Staetzlinger Str. 70  
86165 Augsburg, Germany  
Tel: +49(0)-821-666 0 111 0  
Fax: +49(0)-821-666 0 111 22  
[info-eu@siglent.com](mailto:info-eu@siglent.com)  
[www.siglenteu.com](http://www.siglenteu.com)

### **Asian Headquarters**

SIGLENT TECHNOLOGIES CO., LTD.  
Blog No.4 & No.5, Antongda Industrial Zone,  
3rd Liuxian Road, Bao'an District,  
Shenzhen, 518101, China.  
Tel:+ 86 755 3661 5186  
Fax:+ 86 755 3359 1582  
[sales@siglent.com](mailto:sales@siglent.com)  
[www.siglent.com/ens](http://www.siglent.com/ens)