Keithley DMM7510 Instrument Driver Readme

1. Overview

Instrument Driver Technology: LabVIEW Plug and Play (project-style)
Manufacturer: Keithley
Supported Language(s): LabVIEW
Spported Model(s): DMM7510, DMM7512
Model(s) Tested: DMM7510 over LAN
Interface(s): USB, GPIB, LAN
Firmware Revision(s) Tested: 1.0.0h

Certified: No
NI Supported: No
Source Code Available: Yes

Driver Revision: 1.1.0.0
Original Release Date: 01/20/2015
Current Revision Date: 01/28/2020

2. Required Software

Some software components need to be installed before using this instrument driver.
The minimum versions of these components are listed below, and can be downloaded from the Download Site.

VISA 5.0.3 or later
LabVIEW 2013 or later

Refer to the *LabVIEW Help* for more information about software requirements.
You access the *LabVIEW Help* by selecting *Help»Search the LabVIEW Help*.

3. Known Issues

To report issues or provide feedback about this instrument driver, please fill out the request form at the [Contact Us Network]().
We will contact you as soon as possible.

4. Revision History

REV 1.0.0.0, 01/20/2015

REV 1.1.0.0, 01/28/2020
Added the new model support for 7512.

Added a new selection control for (Aperature and NPLC) to the following VIs to select and set one of the value.
Configure 4W Resistance.vi
Configure DC Voltage.vi
Configure DC Current.vi
Configure 2W Resistance.vi
Configure AC Current.vi
Configure AC Voltage.vi
Configure DC Voltage Ratio.vi
Configure Temperature.vi

Added the following new VIs:
Fetch (Multiple) Binary Data.vi
Configure Digitize Function.vi

Included onenew examples.
Keithley DMM7510 Digitize for Average Current.vi

Fixed the issues reported in the following two VIs:
Configure 4W Resistance.vi

Extended the following VIs with additional input parameters:
Create User Buffer.vi

Fixed the missing connector pane terminals in the following VIs:
Select Digitize Function.vi
Create Trigger Model Digital IO Block.vi
Create Trigger Model Measure Block.vi
Create Trigger Model Digitize Block.vi

Updated the "Select Display Screen.vi" with new token.