

PC oscilloscope software installation guide

i. software installation solution

i). full installation

Target user(s): general PC oscilloscope user(s), and programmer(s) who gets secondary development need

Installation process -

- On the basis that NI-VISA driver or similar VISA driver already worked normally onto PC, to install "PC_Software.exe" from accompanying CD which comes along with device.
- Provided no proper VISA driver found onto target PC, as first step, to install "ni-visa_19.5_online_repack.exe*" from accompanying CD which comes along with device.

*. This .exe file will instruct the users to download NI-VISA driver, and the users could choose necessary NI package kit in the process as well.

The second step is to run "PC_Software.exe".

Note: According to the user preferences, different version NI-VISA available via - visiting www.ni.com through PC browser, type "NI-VISA" onto search column, click NI-VISA Download web linkage from searching results, in accordance with the PC operation system and its version, to choose preferred suitable NI-VISA version.

ii). simple installation

Target user(s): general PC oscilloscope user(s)

Installation process -

To install Runtime version NI-VISA driver from accompanying CD which comes along with device firstly, after that, to run "PC_Software.exe".

iii). minimum installation

Target users: PC oscilloscope users who only need to communicate the device with PC via direct network cable (no need USB communication)

Installation process -


To run "PC_Software.exe" from accompanying CD which comes along with device directly.

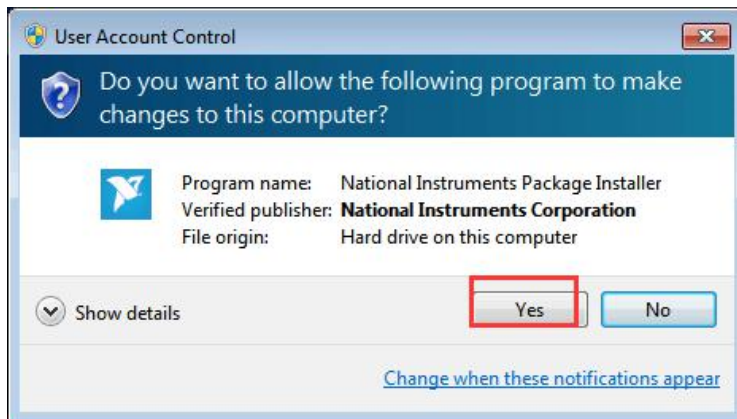
Note: The user(s) may refer to [xiii.how to use socket connection](#) for "when the device communicates with PC by direct network cable" under VII. Device Operation from page 41 - 43 of e-format user manual.

ii. to install NI-VISA driver

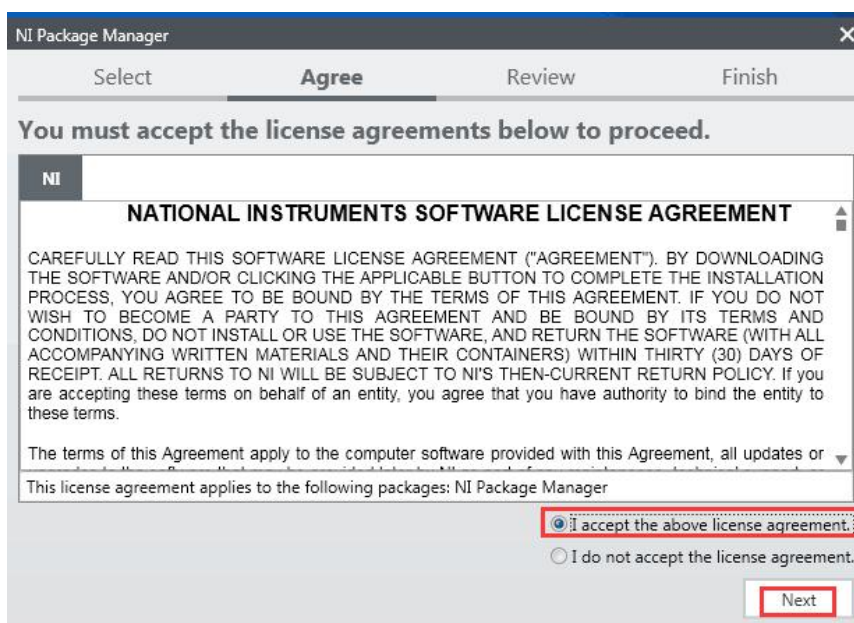
to work PC software normally, and smoothly, NI-VISA driver is a must.

Note: On condition that NI-VISA driver, or similar VISA driver already worked normally onto the target PC, step ii could be skipped.

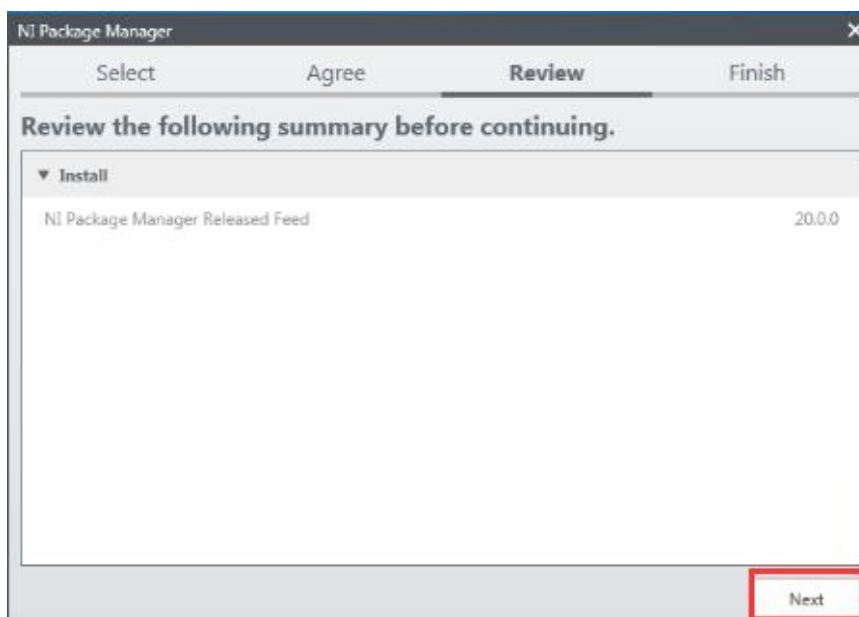
To run  ni-visa_19.5_online_repack.exe from accompanying CD which comes along with device, to start driver installation,



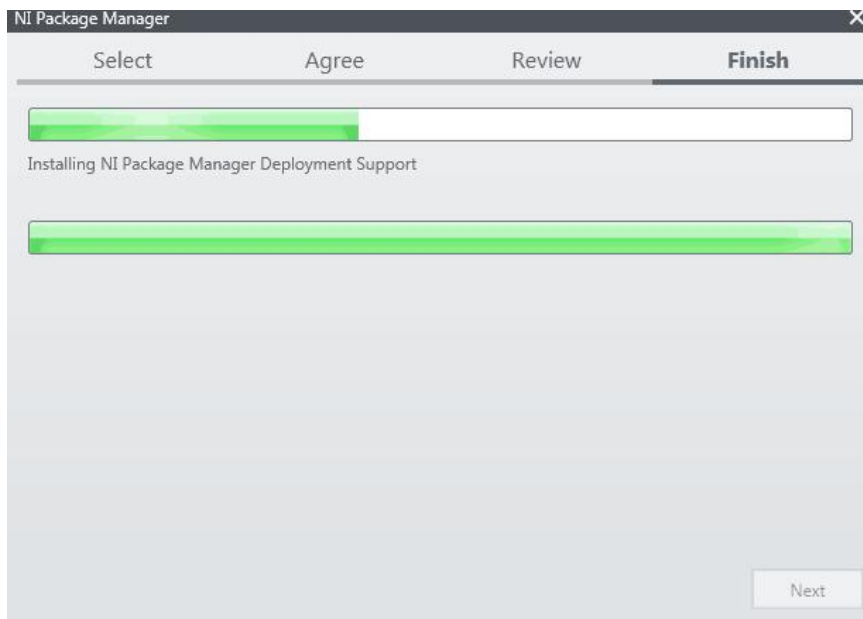
click "Yes" to continue, and following window comes,



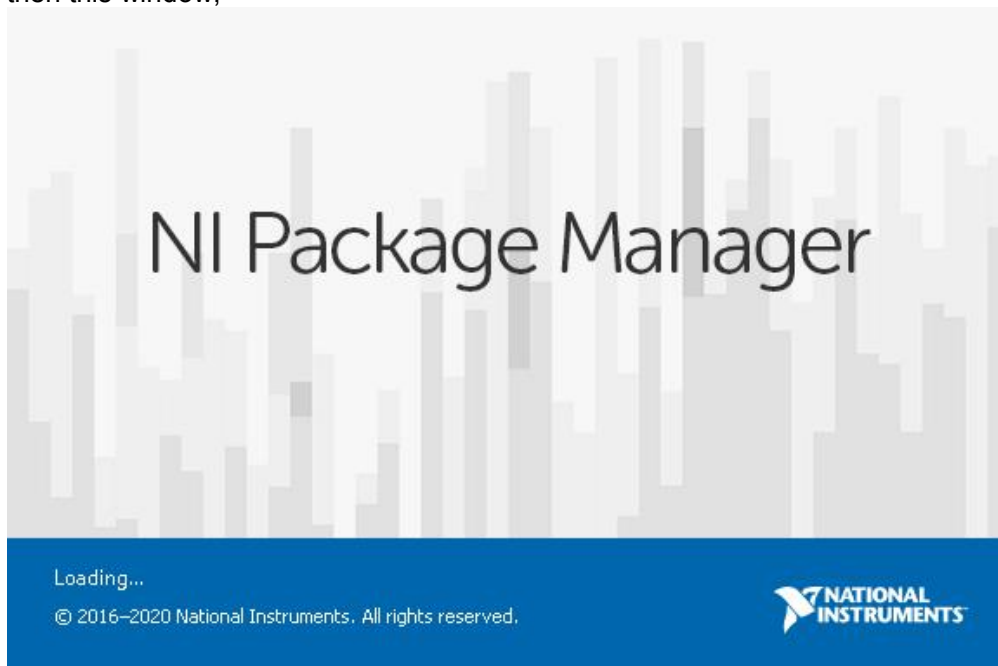
dot-tick "I accept the above license agreement", then "Next",



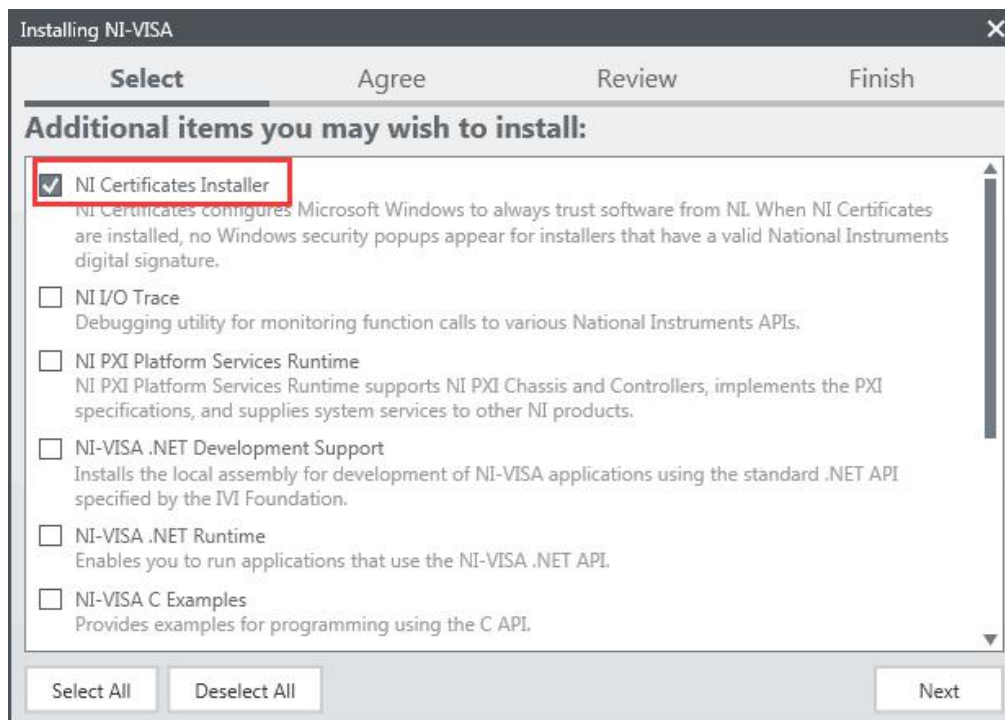
another “Next”, to enter into NI Package Manager processing window,



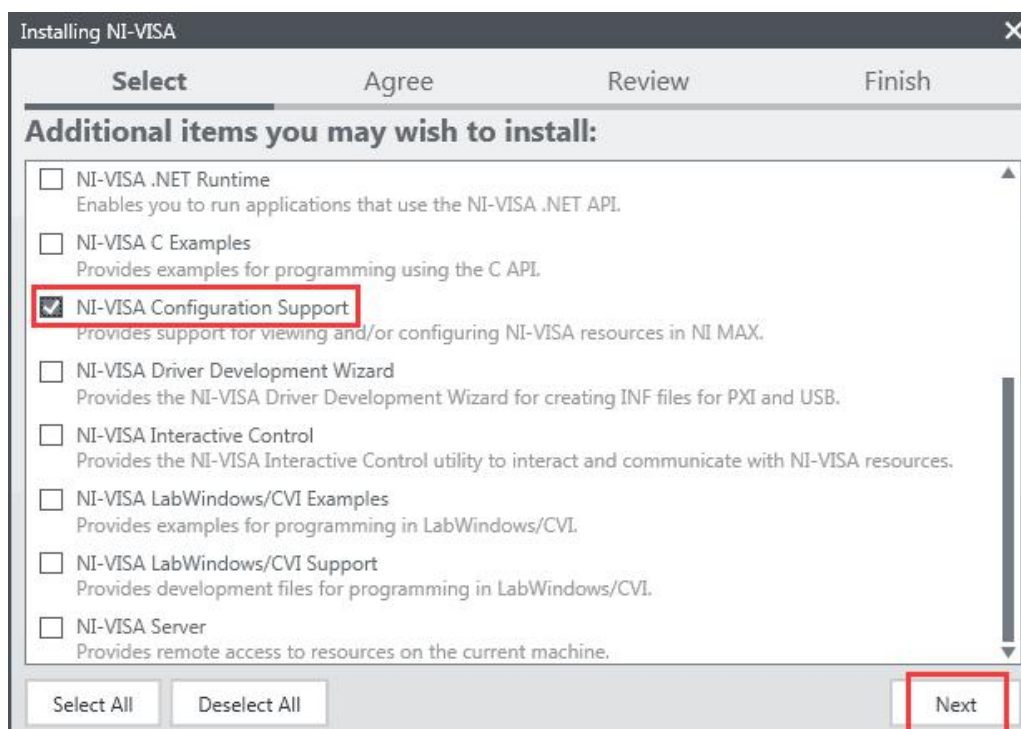
then this window,



later, when following window appears,

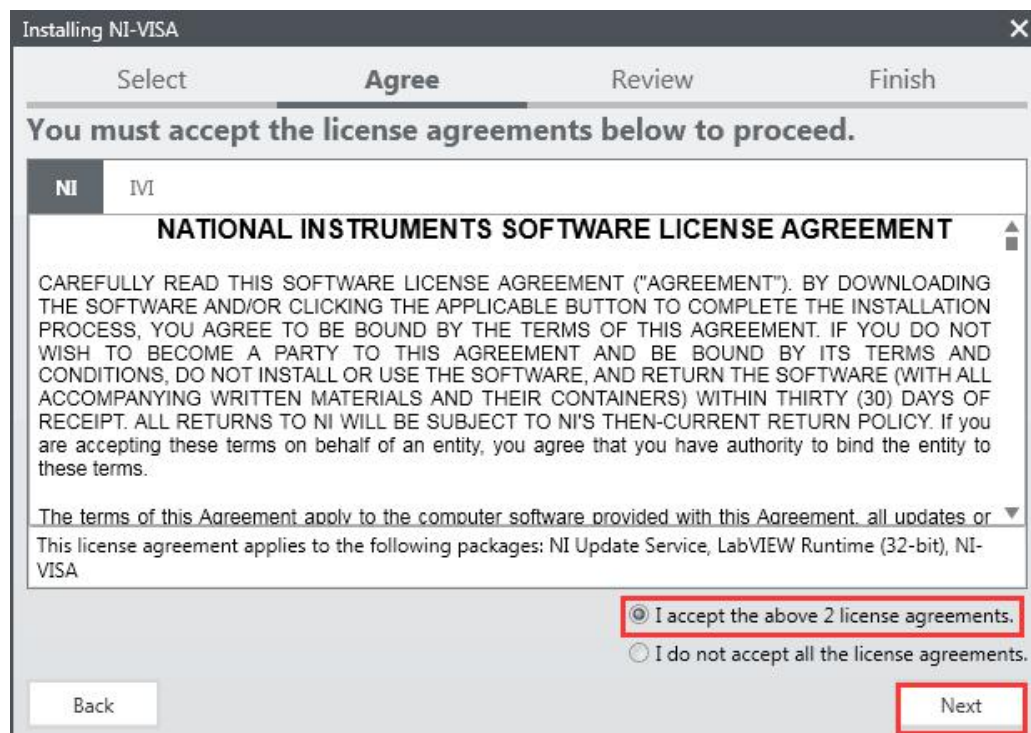


to select additional items you may wish to install,



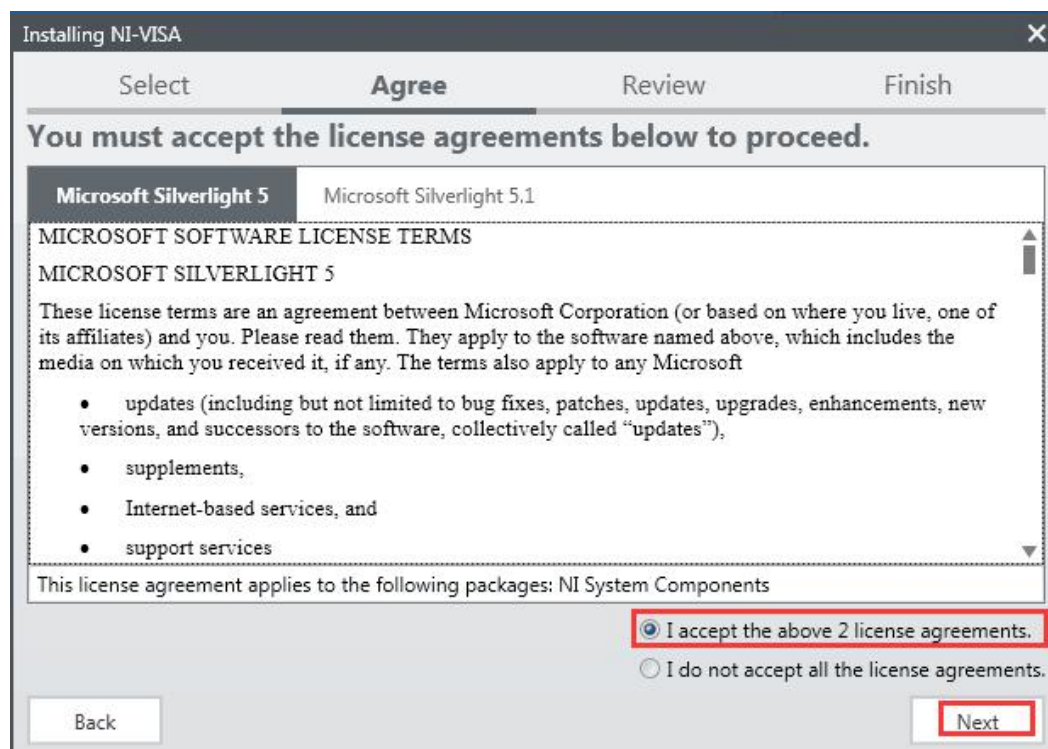
via scroll bar, to select more necessary options,

from here,



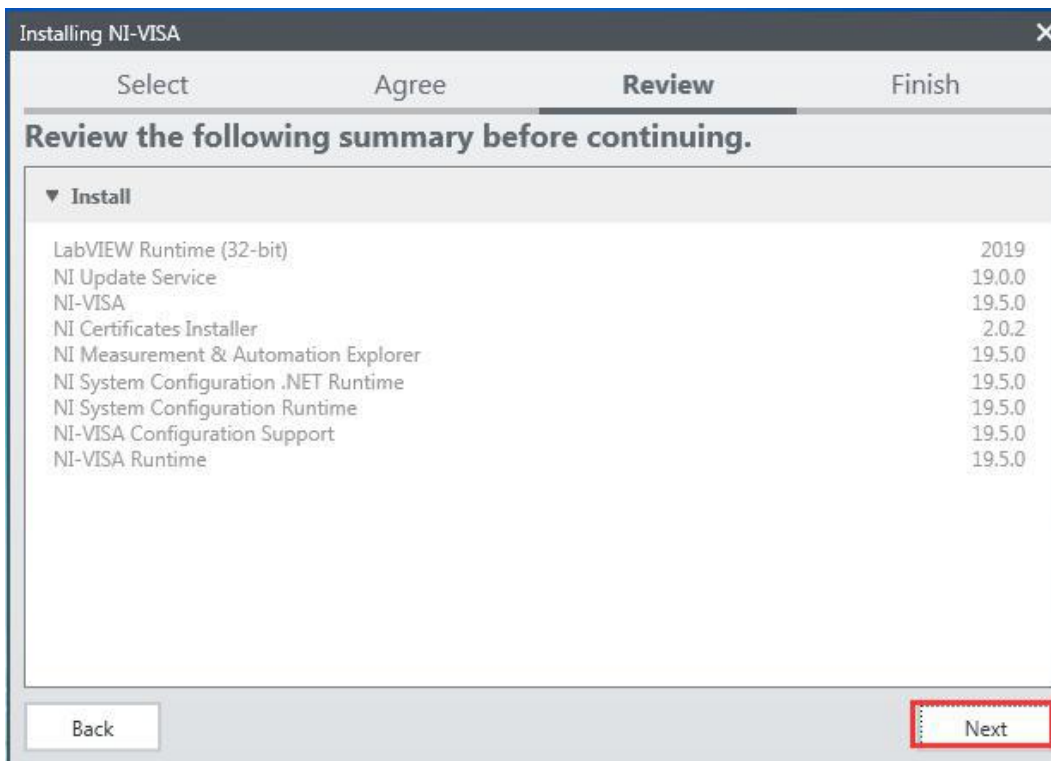
dot-tick "I accept the above 2 license agreements", again "Next",

until this window,



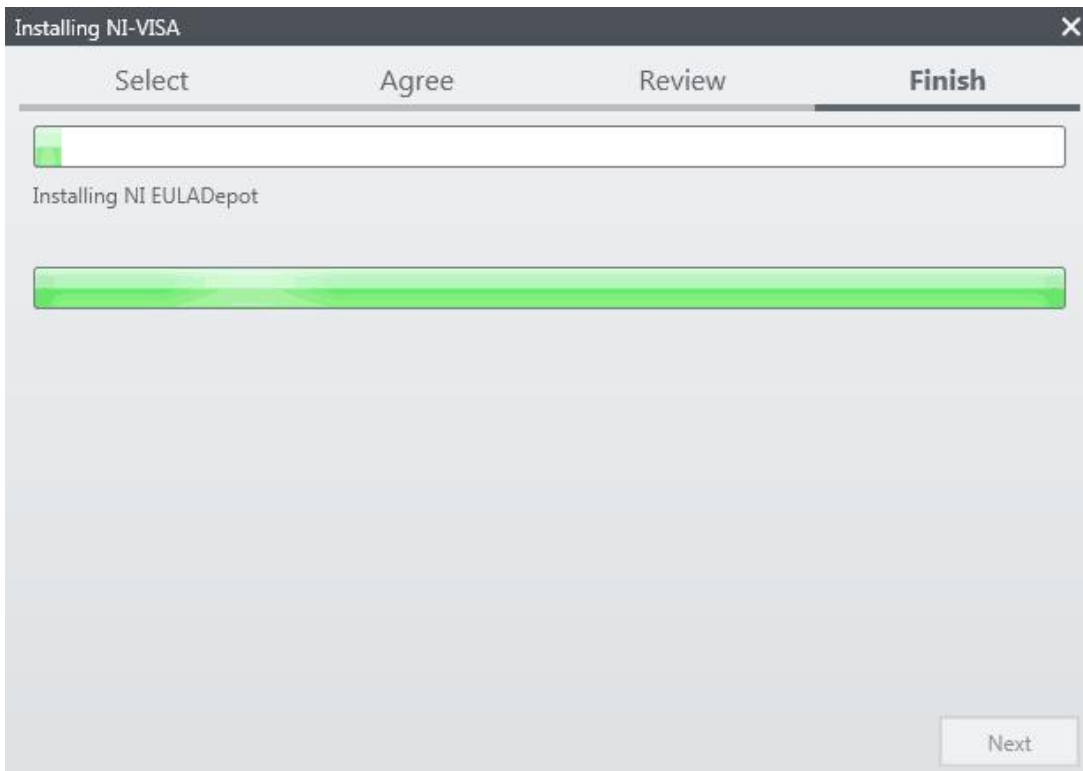
dot-tick "I accept the above 2 license agreements" for another time, and another "Next",

to welcome “Review” window,



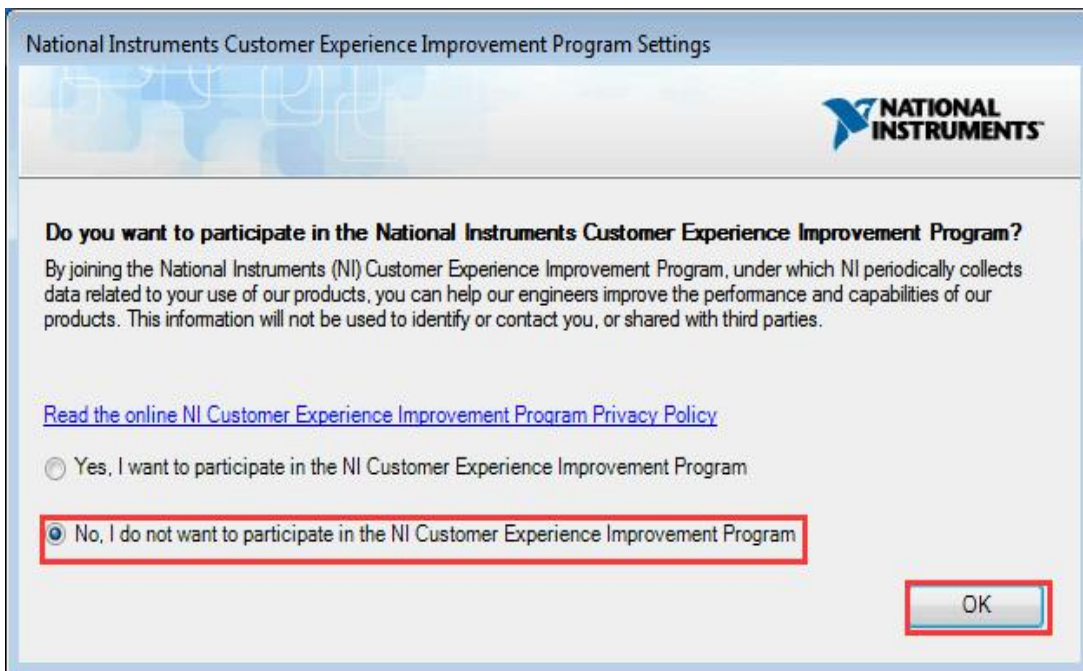
via “Next”,

to get access to NI-VISA installation,



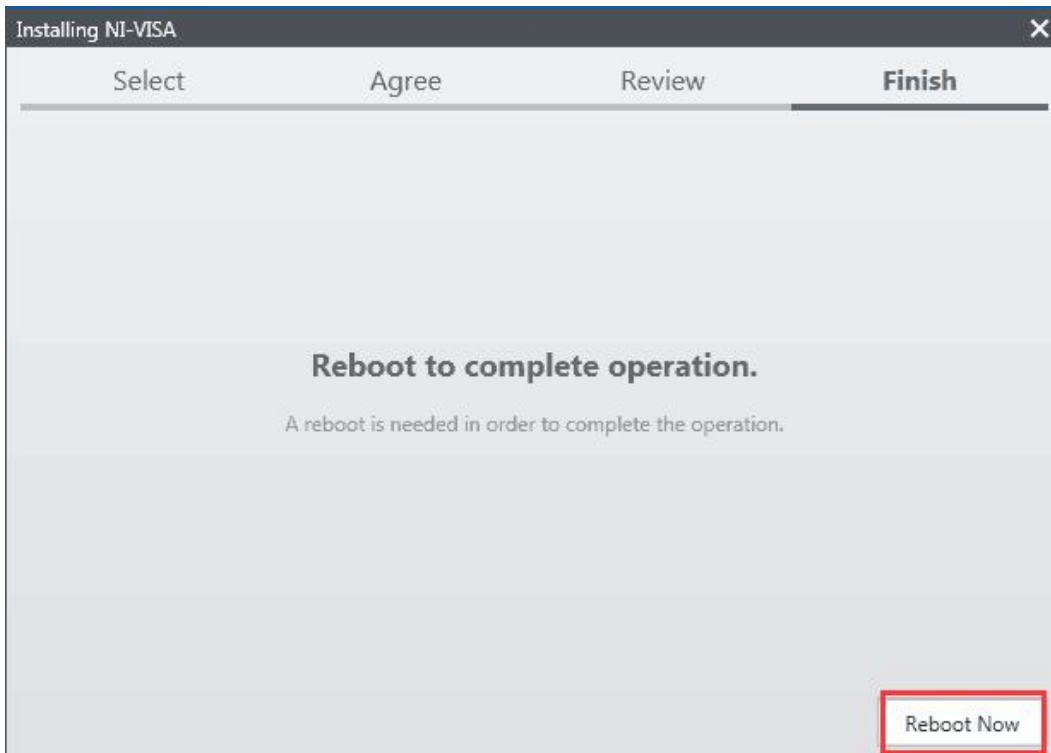
one more “Next”,

to make your decision at this window,



then press "Ok" to finish the whole process,

this window indicates the successful installation,



to reboot the PC through mouse-clicking "Reboot Now"

After PC restarts, the NI-VISA driver been installed onto target PC successfully.

iii. to install PC Software

To run “PC_Software.exe” from accompanying CD which comes along with device directly, to install PC software accordingly.

iv. to work PC Software

Via short-cut to PC software from the desktop of target PC, double-click “PC DSO” to start the software.

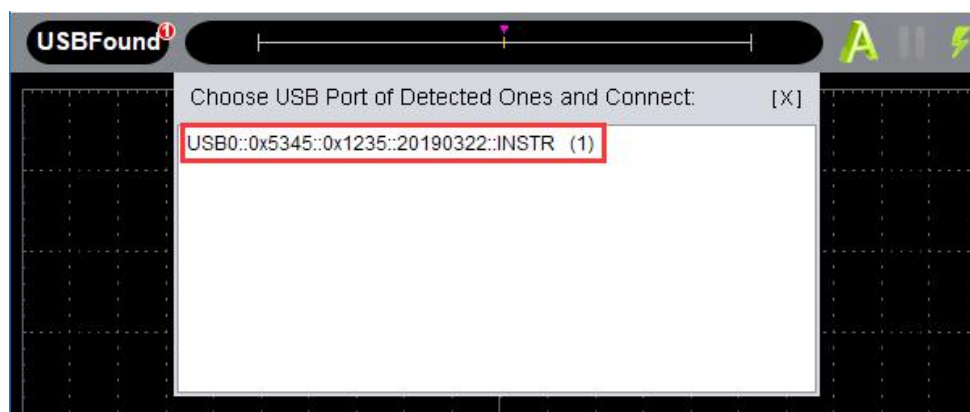
v. to communicate the device with PC

The user(s) gets 2 options to communicate the device with PC: through USB communication port, or through LAN port.

to communicate the device with PC through USB communication port

After powering the device via AC-DC adapter, its status indicator lights red for seconds.

Via USB connection cable (type-C), through matching communication interface, to connect the device with PC. When the status indicator lights green, PC software detects effective USB port, mouse-click the detected option to communicate the device with PC.



to communicate the device with PC through LAN port

2 solutions available to communicate the device with PC through LAN port -

Solution 1. By socket connection, upon with the combination of IP address and port, please refer to [xiii. how to use socket connection](#) under VII. Device Operation from page 41 - 43 of e-format user manual.

Solution 2. By adding LAN/LXI network device, please refer to [xiv. how to use LAN communication interface](#) and [xv. how to work WiFi with PC software](#) under VII. Device Operation from page 44 - 51 and page 52 - 58 of e-format user manual.