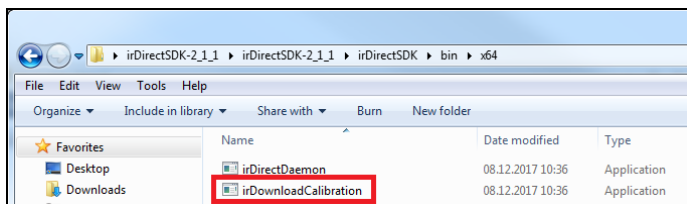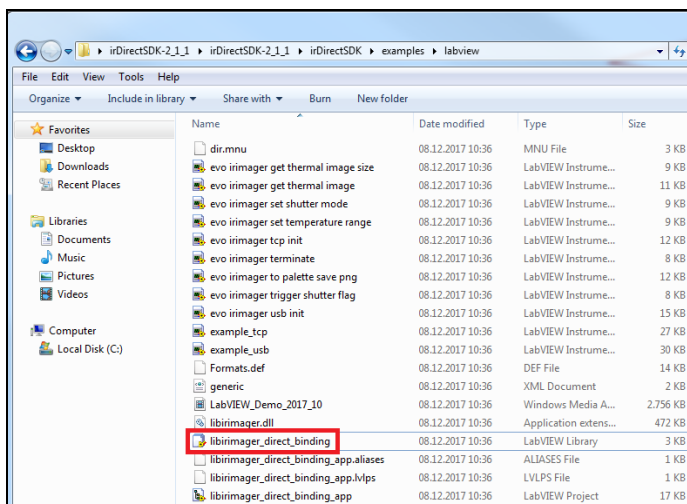## Steps to install and run the LabVIEW sample program:
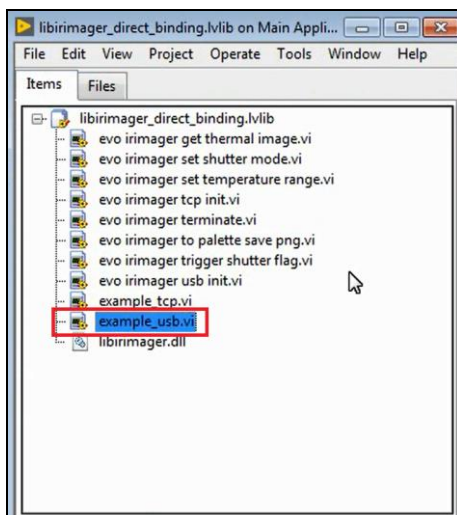
- ➢ Requirement: LabView software, imager

- ➢ Download the Direct SDK free of charge from the Evocortex GmbH website: http://www.evocortex.org/downloads-1/

- ➢ Connect the imager via USB to your PC

- ➢ Unzip the downloaded file *irDirectSDK-x_x_x*

- ➢ Open the folder and go to *irDirectSDK-x_x_x → irDirectSDK → bin → Win32* or *x64* (depends on the PC) and start *irDownloadCalibration* (The calibration files will be downloaded for the connected imager)
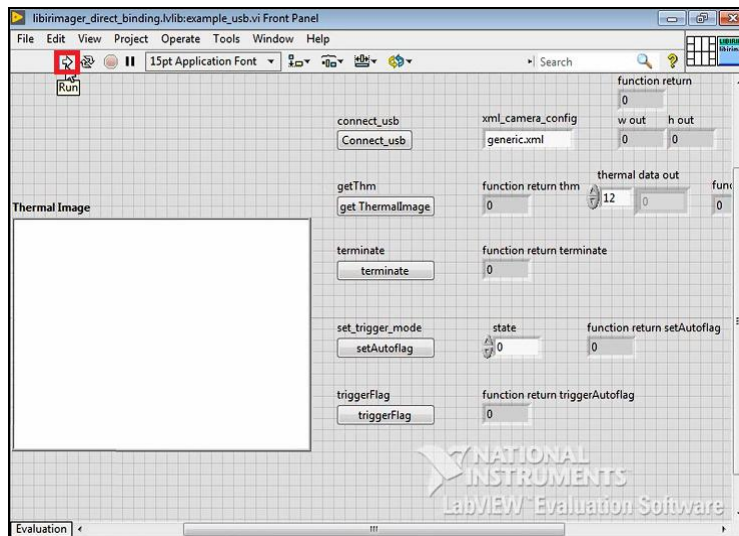

- ➢ Now go to *irDirectSDK-x_x_x → irDirectSDK → examples → labview* and open *libirimager_direct_binding*
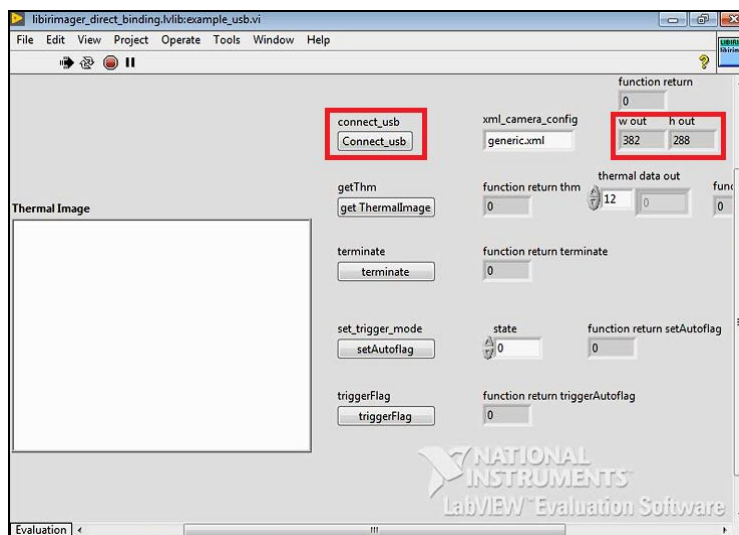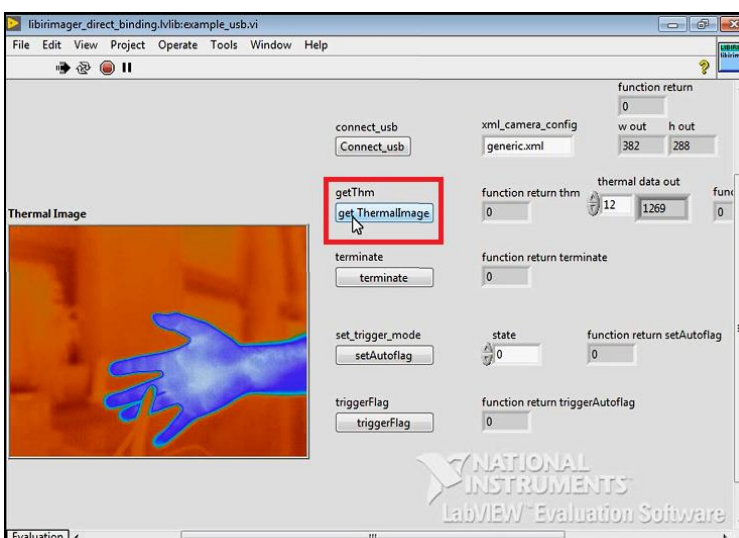

- ➢ Open *example_usb.vi*

➢ Click on *Run*

➢ Push the button *Connect_usb* to connect the device with LabVIEW, in the field *w out* and *h out* the resolution of the imager is then shown

➢ By pressing the *get ThermalImage* button, the IR picture will be displayed in the window *Thermal Image*

Further settings:

terminate: Disconnects the camera

setAutoflag: 0 = autoflag off, 1 = autoflag on

triggerFlag: Flag is drawn