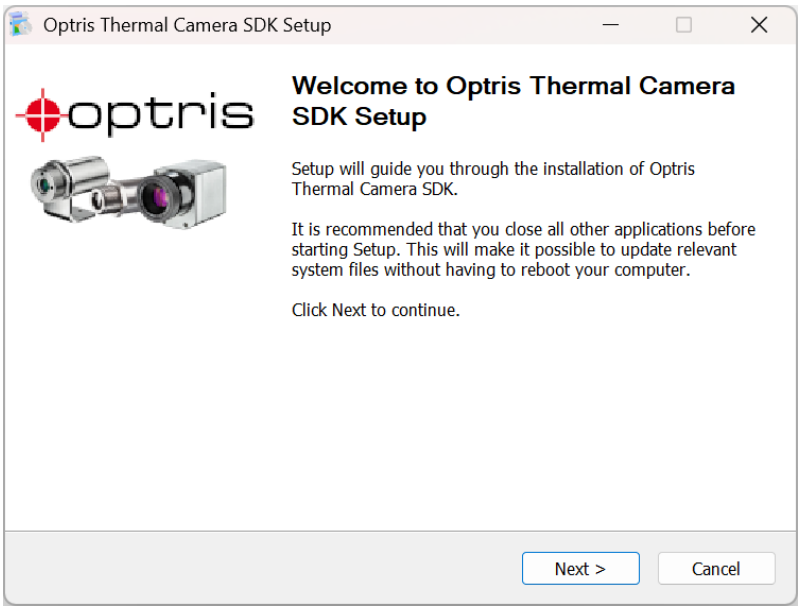
Acquiring the OTC SDK

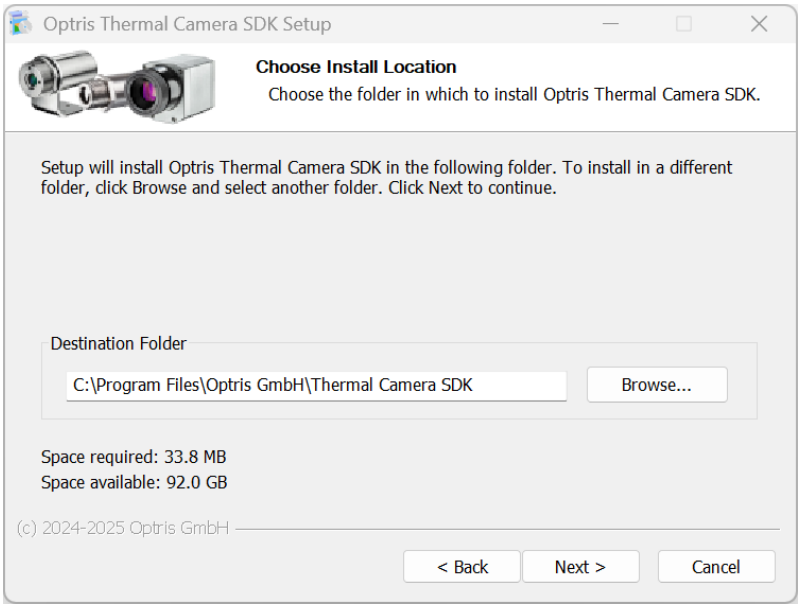
Download the latest Optris Thermal Camera SDK installer from the Optris website:
https://optris.com/software/apis-sdks/

Installing the OTC SDK on Windows

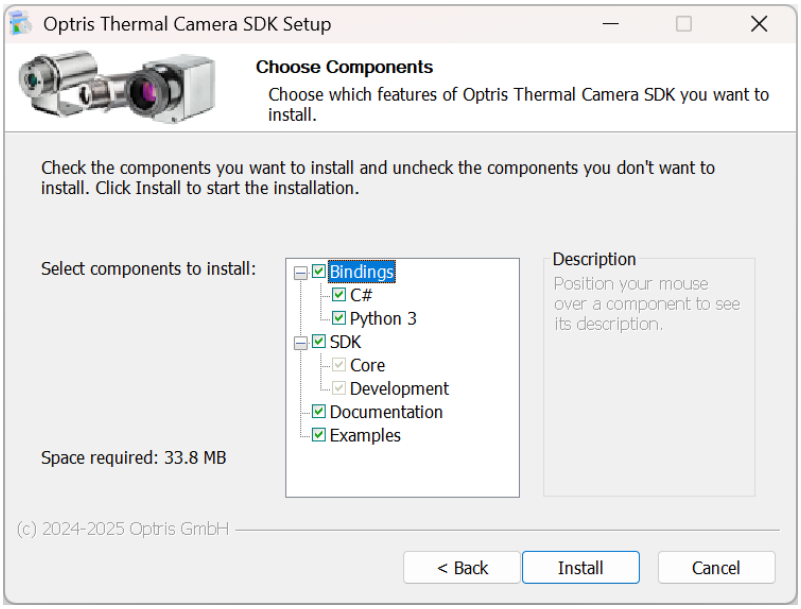
Run the installer and follow the wizards' instructions.



It is recommended to install the OTC SDK to the default location, but you can also freely choose any other location in the filesystem.

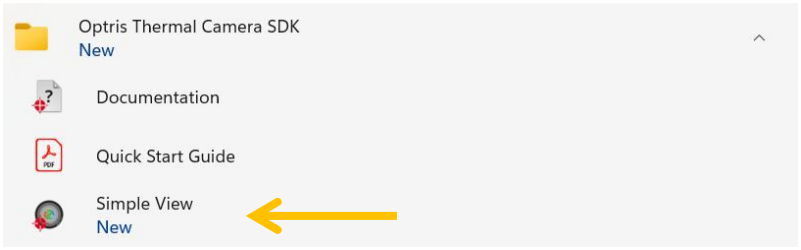


The SDK comes with a core library for C++ and language bindings for C# and Python. It is recommended to install all software components. In case not all components are required, the unnecessary components can be deselected during the installation.



Testing the OTC SDK installation

If a start menu entry is created during the installation, the SDK can be tested by running the **Simple View** example from the start menu.

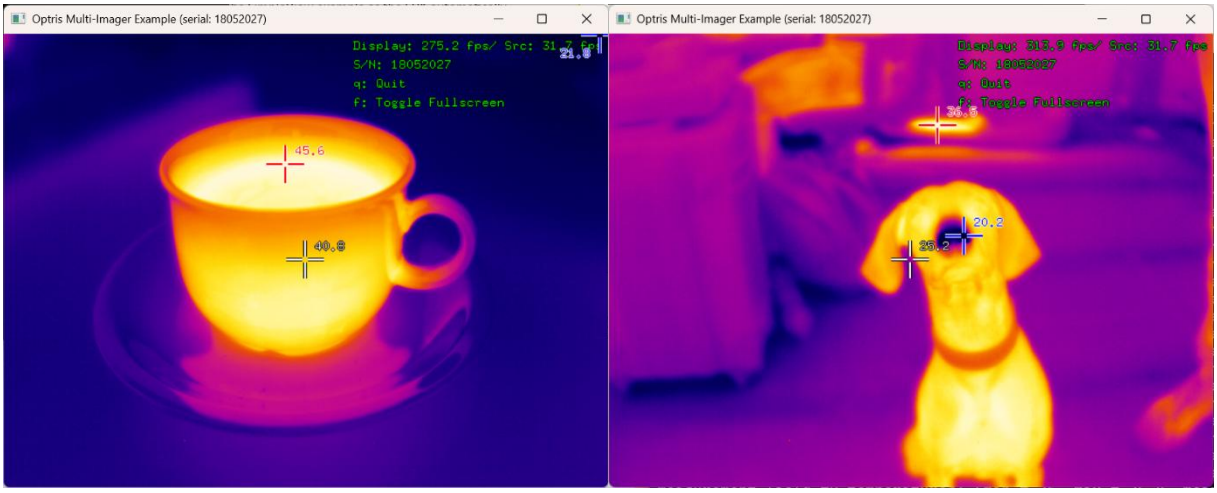


Alternatively, the **SimpleView** example can be started by running “simpleView.exe” in the **“Optris GmbH\Thermal Camera SDK\examples\bin”** folder of the OTC SDK installation.

> ⚠ An Optris thermal USB camera must be connected to the computer to run the Simple View example.

> ⚠ Internet access is required to run the Simple View example. The SDK automatically downloads the calibration files of connected cameras.

If the SDK is installed correctly, the Simple View example should now display the false color image stream of a connected camera.



Reading the docs

The SDK includes its documentation in HTML format. To view the documentation, open the file **Optris GmbH\Thermal Camera SDK\doc\html\index.html** of the OTC SDK installation in a browser.

Starting to code with the OTC SDK

The OTC SDK comes with three example applications that show how to use the SDK in custom projects. The source code of these examples is available in C++, C# and Python and can be found in the "**Optris GmbH\Thermal Camera SDK\examples"** folder of the OTC SDK installation.

Examples of the SDK:

- **Enumeration Example**:
  List all connected Optris thermal cameras and show subsequent connection and disconnections events of Optris thermal cameras.

- **Minimal Example:**
  Connect to an Optris thermal camera and receive the camera frames. Accesses the measurement data but does not display images on screen.

- **Simple View Example:**
  Connect to an Optris thermal camera and receive the camera frames. Displays the false color video stream and shows the hot and cold spot in the current frame.

Uninstalling the OTC SDK

To uninstall the OTC SDK from Windows, open the settings and navigate to **Apps > Installed apps**. Locate the entry **Optris Thermal Camera SDK**, click on the menu button and select “Uninstall”.

