A tour through Vimba

For developers

Document version 2.2.0

Vimba – the right choice for all applications

Vimba is the powerful **GenICam-based SDK** for cameras from Allied Vision.

Vimba lets you program **in C, C++, .NET, or Python**.

You can also use your camera with your favorite software.

Program Files → Allied Vision → Vimba_x.x

Name

- Adapters
- Documentation
- ThirdParty
- Tools
- Vimba1394TL
- VimbaC
- VimbaCLConfigTL
- VimbaCPP
- VimbaGigETL
- VimbaImageTransform
- VimbaNET
- VimbaPython
- VimbaUSBTL

Depending on the OS and selected installation options, different items are available.

To quickly access Vimba's components, navigate to the Allied Vision Vimba program folder:

Program Files -> Allied Vision -> Vimba_x.x

Program Files > Allied Vision > Vimba_x.x > Documentation

Name

📄 open-source-licenses.txt
📄 ReleaseNotes.txt
📕 Vimba Manual.pdf
📕 Vimba Quickstart Guide.pdf
📕 Vimba Tour.pdf
📕 Vimba Viewer Guide.pdf

The **Vimba Quickstart Guide** is the perfect starting point for our comprehensive documentation.

Development

Recommended reading order

To get started with Vimba, we recommend the following reading order:

1. Vimba Manual
2. Vimba C, C++, .NET, or Python Manual
3. Vimba Transport Layer Manual (1394, CL, GigE, USB, or CSI TL)
4. Vimba Image Transform Manual (if you use this library)

All documents are available in the Vimba program folder. Some documents are available only if all Vimba components are installed.

Additionally, please read the technical documentation for your camera, which is available at https://www.alliedvision.com/.

VIMBA

(C:) OS > Users > Public > Public Documents > Allied Vision
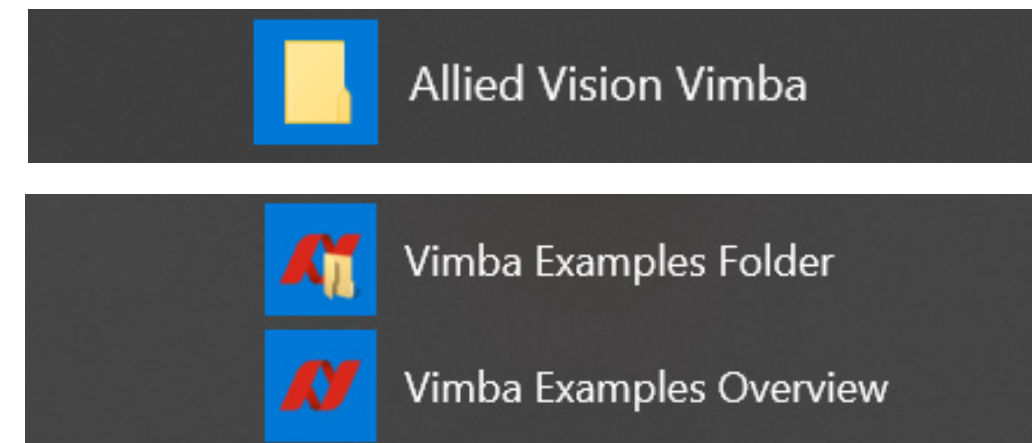
Name

📁 Vimba_x.x

Find programming examples in the folder you selected during the Vimba installation, e.g.:

| Examples Target Folder | C:\Users\Public\Documents\Allied Vision\Vimba_x.x |

Windows users can also find the examples in the apps list.

📁 Allied Vision Vimba

🗂 Vimba Examples Folder

Vimba Examples Overview

Finding examples in the apps list

GEN<i>CAM

Allied Vision

Do you use a GenICam-compliant **third-party software**?

It will automatically find and
connect with Vimba's transport layers.

Program Files > Allied Vision > Vimba_x.x > VimbaGigETL > Documentation

Name

GigE_Features_Reference.pdf

ReleaseNotes.txt

VimbaGigETLFeaturesManual.pdf

vimba

More information

More questions?
Our staff is happy to assist you.

www.alliedvision.com

Enjoy working with Vimba!