Allied Vision

A tour through Vimba

For developers

As of March 2019

VIMBA

Vimba – the right choice for all applications

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

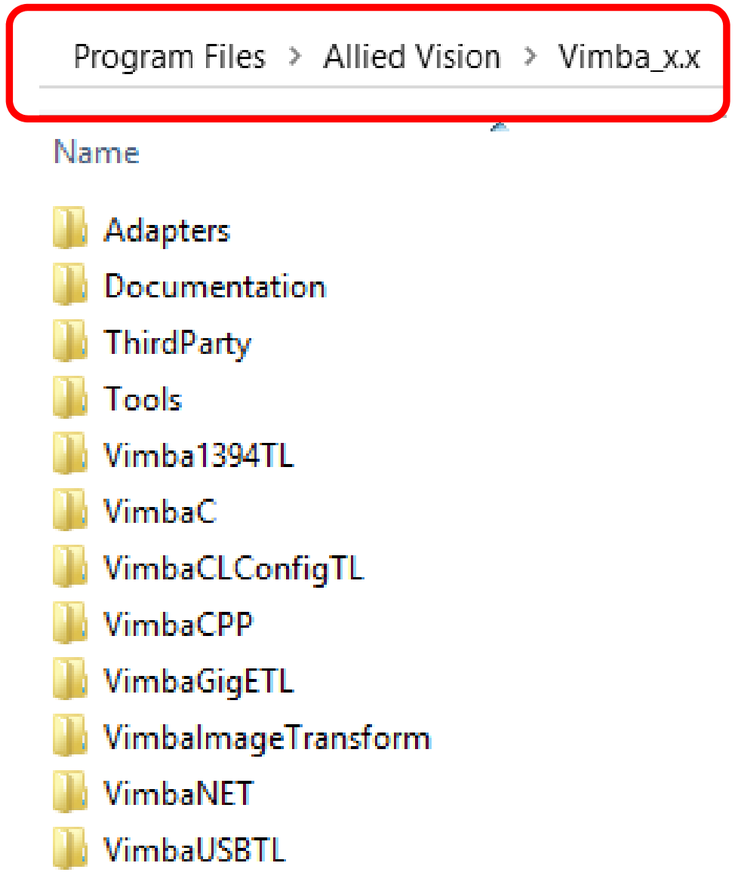
Vimba lets you program **in C, C++, or .NET**.

You can also use your camera with your favorite software.

GiGE VISION FireWire USB3 VISION CAMERA Link

GENICAM

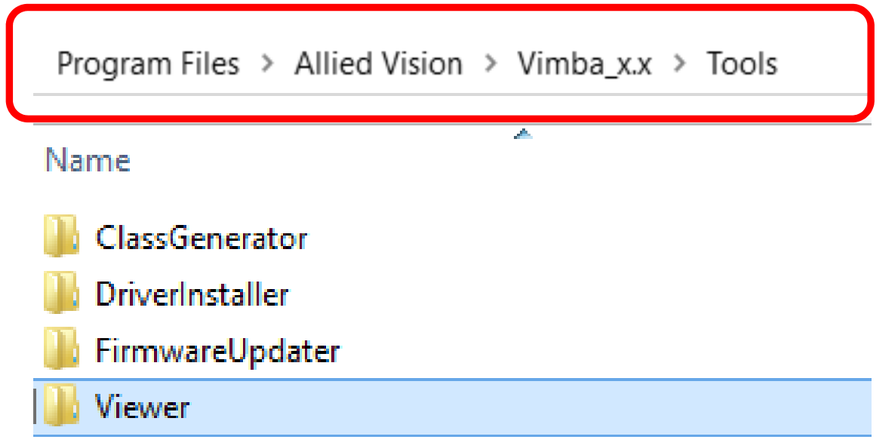
VIMBA



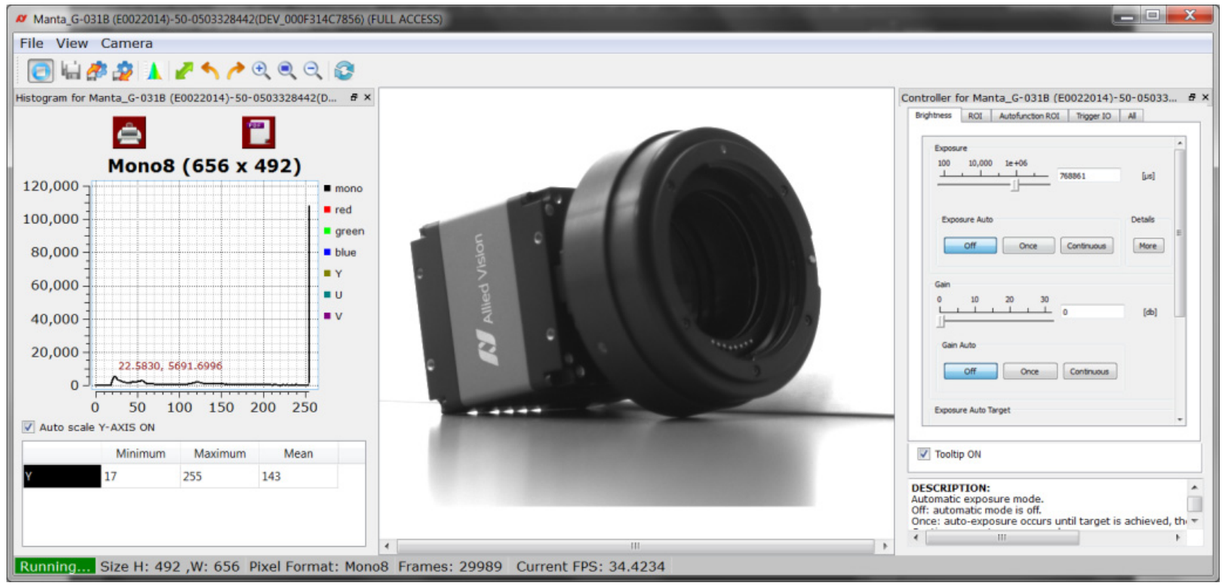
Depending on the OS and selected installation options, different items are available.

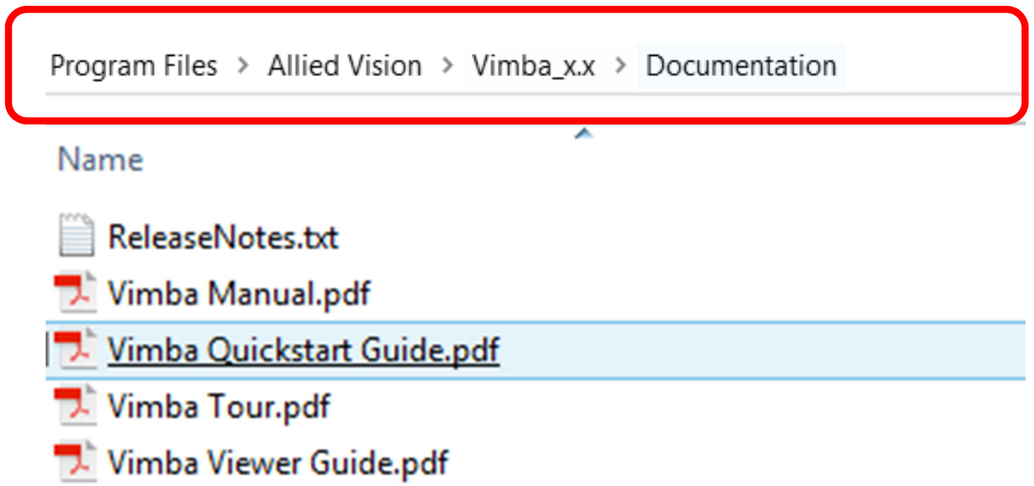
To quickly access Vimba's components, navigate to the Allied Vision Vimba program folder:

Program Files -> Allied Vision -> Vimba_x.x



A good way to start exploring your camera is the **Vimba Viewer**.





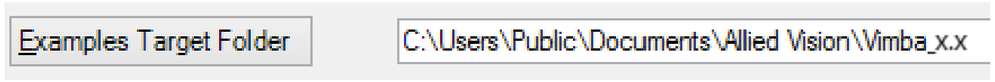
The **Vimba Quickstart Guide** is the perfect starting point for our comprehensive documentation.

Reading order	Component	Documentation	x = necessary / o = optional						
			C	C++	.NET	IEEE 1394	GigE	USB	CL
1	Vimba	Vimba Manual.pdf	x	x	x				
2	Vimba C API	Vimba C Manual.pdf	x						
	Vimba C++ API	Vimba CPP Manual.pdf		x					
	Vimba .NET API	Vimba NET Manual.pdf			x				
3	Camera Features	Vimba1394TLFeaturesManual.pdf				x			
		GigE_Features_References.pdf					x		
		USB_Features_Reference.pdf						x	
		Goldeye_Features_Reference.pdf							x
5	Vimba Image Transform Library	Vimba ImageTransform Manual.pdf	o	o					
6	Transport Layer	Vimba1394TLFeaturesManual.pdf				o			
		VimbaGigETLFeaturesManual.pdf					o		
		VimbaUSBTLFeaturesManual.pdf						o	
		VimbaCLConfigTLFeaturesManual.pdf							o

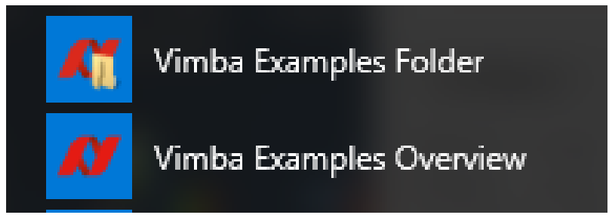
Table 1: Manuals for the developer

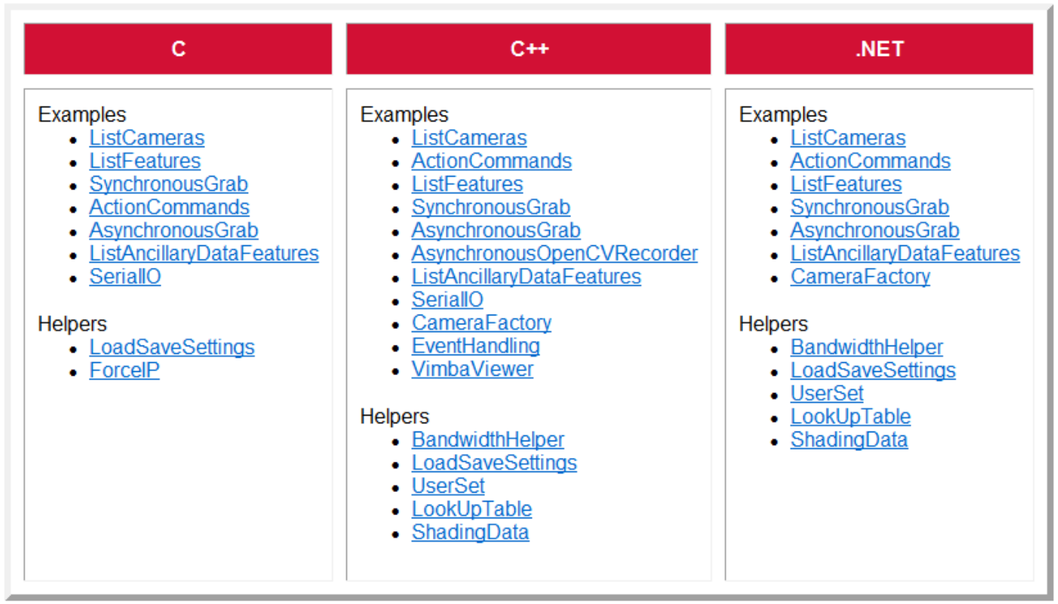
Windows only

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



Windows users can also find them in the apps overview.





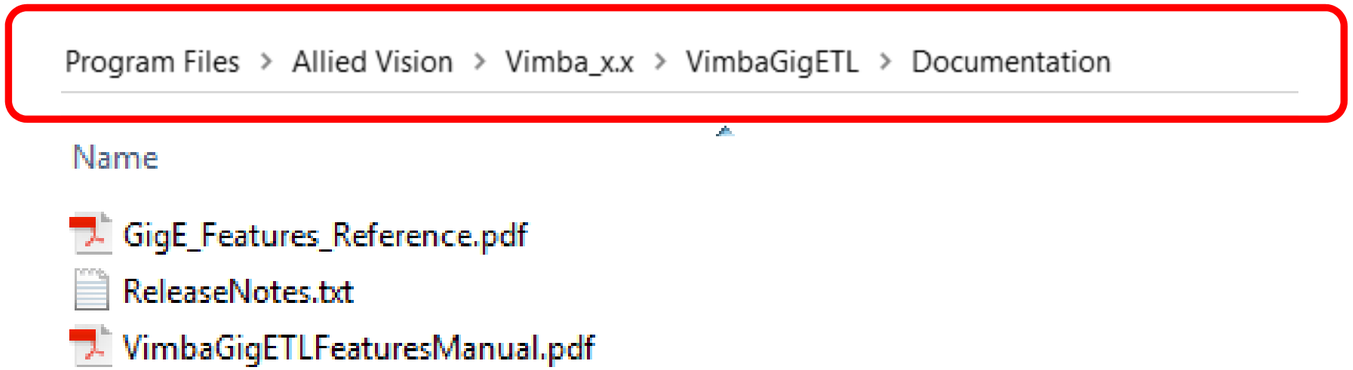
Vimba Examples Overview

Allied Vision

GENICAM

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

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



VIMBA

More information

More questions?
Our staff is happy to assist you.

www.alliedvision.com/contact

Enjoy working with Vimba!