

Helpdesk XIMEA

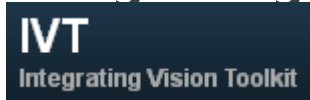
Portal > Knowledgebase > Vision Libraries > Integrating Vision Toolkit

Integrating Vision Toolkit

Support SK - 2023-10-19 - in Vision Libraries

https://www.ximea.com/support/wiki/vision-libraries/integrating_vision_toolkit

Integrating Vision Toolkit



Overview

- [Integrating Vision Toolkit](#)
 - [Overview](#)
 - [Installation](#)
 - [Sample](#)
 - [Documentation](#)

[Integrating Vision Toolkit](#) is a stand-alone easy-to-use, platform-independent open source C++ computer vision library with an object-oriented architecture.

It offers implementations of image processing routines and its own multi-platform GUI toolkit.

XIMEA cameras can support this vision library.

Installation

- Download [XIMEA API Software Package](#)
- Check API option
- This library is not maintained anymore. It is available only on request

Sample

Our sample demonstrates the usage of line and circle detection with Hough transform and the [xiAPI](#).

Sources are stored at c:\XIMEA\VisionLibrary\IVT\Example.

You can use Microsoft Visual studio 2005 to open project file **ivt_demo.vcproj**.

Modify it and compile it again.

Documentation

Description of functions and classes can be found in the [on-line](#) documentation on the IVT homepage.