

Perception STUDIO 2.0

Perception STUDIO allows to setup measurements and to acquire data from a hyperspectral camera or a Perception CORE as well as to do hyperspectral imaging offline on the users PC.

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Downloads

Download an installer from below and follow the instructions of the [installation](#) guide

Version	Release Date (YYYY-MM-DD)	Platforms (64 bit)	Download
2.0.5582	2019-10-28	Win7, Win10 (x86_64)	Download Perception STUDIO 2.0.5582

See the history of updates [here](#). Note the [requirements](#) to your PC.

Version	Release Date (YYYY-MM-DD)	Platforms (64 bit)	Download
2.0.5561	2019-10-10	Win7, Win10 (x86_64)	Download Perception STUDIO 2.0.5561

Perception STUDIO

Import Hyperspectral cube data or e.g. [example projects](#) into the [Perception STUDIO](#) program framework, [setup](#) a measurement and [acquire](#) Hyperspectral data from an interfaced camera, [explore](#) the content of Hyperspectral cube data, [model](#) molecular information using Chemical Color Imaging methods, [setup](#) the streaming of molecular information to a machine vision application,

Content

- Perception STUDIO framework software
- Perception Acquire plugin
- Perception Explore plugin
- Perception Model plugin
- Perception View plugin

Usage

This software version is typically used when industrial Hyperspectral imaging has to be performed. A hardware adapter (Perception Core) enables real-time streaming of molecular information to a machine vision solution.

Prerequisites

Be sure to have a Perception Core available in order to allow streaming of molecular image information.



The Perception STUDIO program and the Perception Core must be of the same version in order to work proper. E.g. ask your distributor how to update a Perception Core to be of most recent version.

Manuals

- [Perception Studio](#)
- [Perception Core](#)
- [Perception Reference](#)
- [Perception Tutorials](#)
- [Troubleshooting](#)

Tutorials

- [Exploratory analysis of plastics](#)
- [Impurity detection on sausage](#)
- [Hyperspectral imaging step by step](#)
- [Get started](#)
- [Quantitative Analysis of Ibuprofen Pills](#)

Example Data

- [Apple with bruises](#)
- [Ibuprofen pills](#)
- [Sausage contaminated with plastics](#)
- [Seal inspection](#)
- [Stemmer Imaging Pen](#)
- [Three polymer samples](#)
- [Various plastics](#)
- [Wood partly wet](#)

Good to Know

- See the [Perception STUDIO](#) program manual for information on [requirements](#), [installation](#) as well as [licensing](#).
- Be sure to have a Calibration Package available together with your camera and installed on your PC.
- Find out your local sales distributive on Hyperspectral hardware and software from [here](#).

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