

# Release 1.9

This page summarizes information to the release version 1.9 of Perception Park software as well as gives access to available installers.

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## What's New?

### Extended Connectivity

#### Support of Specims FX GigE Vision cameras

FX10e and FX17e are supported now.

#### Support of Allied Vision Goldeye CL033

The Allied Vision Goldeye CL033 is supported again.

### Extended Operability

#### Dongle Licensing

Beside the node-locked licensing of previous releases, with this release USB dongle licensing is supported too.



Get an USB dongle for your existent installations from your [local distributor](#).

#### Extended control of Perception Core

The control of the Perception Core run-time engine got extended. By this, client apps are enabled to switch between run jobs and to export or import run job files. See: [UDP Control Protocol Definition](#).

## Available Installation Versions

Get an installer of your choice from the list below:

- [Perception Studio 1.9 Desktop](#)
- [Perception Studio 1.9 Offline](#)

All software versions are free of charge during a (demo) period of one month. After activation of your specific PC, the software is available without any bounds to time.

Alternatively, obtain an transferable USB dongle from your [local distributor](#).

#### Desktop Version

This software suite enables users to load data like Hyperspectral cubes or example projects into the Perception Studio program, to perform exploratory investigation to hyperspectral cube data and to carry out application relevant information. The Desktop software suite is predestinated for evaluation or analysis purposes of available data.

#### Offline Version

...in addition allows to setup measurements and to acquire data from a hyperspectral imaging camera. The Offline Suite is typically the best choice for evaluation or analysis purposes of acquired data.

#### Inline Version

...in addition allows to stream molecular information coded by color information to the client application. The Inline Suite is the standard for the industrial application of devices based on the Hyperspectral technology.

# Update History

1.7

1.8

1.9.4612

- Release 1.9 - see notes above.

## Known Issues

- Perception Core: Case Discrimination model cannot get applied if spectral sensor roi width is  $\leq 64$ . In the Setup perspective ensure to set a spectral width  $>64$ .
- Studio Inline: White and Black image cannot get deleted manually (X button next to the parameter in the Setup perspective does not work properly). Workaround: change a parameter which invalidates the balancing (like exposure time). By this both images get deleted.

1.9.4740

- Stability Core: fixed crash on close of Perception Core application
- Specim FX: stabilized control of shutter: now get controlled multiple times to ensure it is in the correct state.
- Specim FX (CameraLink): improved stability
- Perception Core: minor changes of the log text
- Installer: a former software version get deinstalled automatically
- UDP control: fix on reconnect
- GEV sender network IP: issue on proposed list of IPs fixed (multiple Cores).
- GEV sender network IP: proposed IPs now only contain IPs of connected NICs.
- Teledyne Dalsa framegrabber: sapera version and driver for Xtium framegrabber updated to avoid connection issues
- "Get" parameters from run-job: did not work. Fixed now.
- Improved installer to allow execution and installation by different user (permissions).

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