

Entwicklungsbuero EB Stresing

Cameras

All type of camera systems

Low Speed 3001

line rate 1 kHz

Binning

Mid Speed 3010

line rate 8 kHz

High Speed 3030

line rate 50 kHz

Cooled

Cooled Systems

Double Line Systems

Options

for CamControl

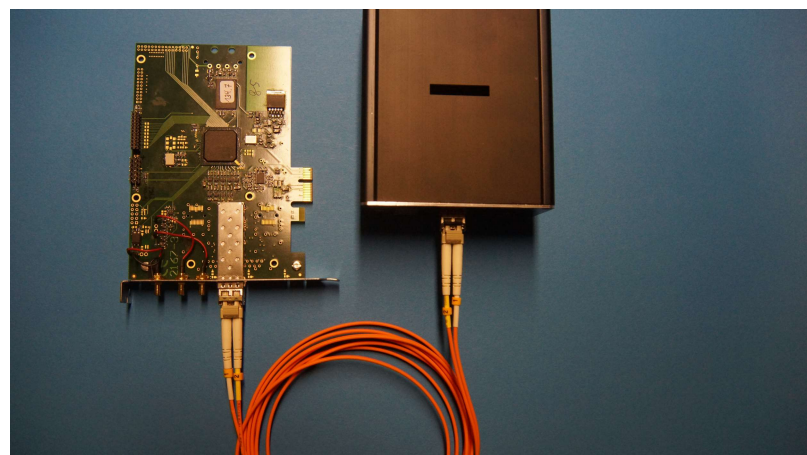
Spectroscopy

High Speed Camery Systems FL3030

High Speed Cameras



High Speed Camera Series 3030



High Speed Camera (series 3030) conneted to PCIe card

Our high speed cameras with 1024 pixel are capable to run parallel with 2 PCIE interface boards with **up to 50kHz** single trigger. When 2

cameras are used in a chain with one PCIE board, only 30kHz can be reached.

The used sensor is from Hamamatsu: S11490. It has 1024 pixel with a 24 x 500 μm size each. Sensitivity is from 320 to 1.1 μm . The AD-converter has 14bit resolution (0..16k).

As the high speed heats up the sensor, it is cooled by a fan. The sensor is not active cooled. At this high speed a cooling is not really necessary.

Each camera is a stand alone system with own power supply. It can be chained with other cameras of series 3030 or with an IOControl as well.

We can also offer a 30kHz IR camera with the Hamamatsu sensor G10768 with 1024 InGaAs pixel, sensitive from 0.9-1.7 μm . Please ask if you are interested.

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