Pyramid Imaging
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pco.edge 26

true global shutter **sCMOS** camera

CAMERA Link HS

high resolution
5120 x 5120 pixel

high speed
150 fps

parasitic light sensitivity
1/10,000

temperature stabilized
image sensor

fiber optic
data interface

interface	CLHS FOL
sensor technology	scientific CMOS (sCMOS)
resolution [pixel]	5120 x 5120
pixel size [µm]	2.5 x 2.5
max. frame rate @ full resolution [fps]	150
max. pixel rate [MPixel/s]	4608
quantum efficiency [%]	72
min. read noise[1] [e⁻]	3.2
max. dynamic range	2000 : 1
anti blooming factor	> 10,000
parasitic light sensitivity	1/10,000
shutter type	GS (Global Shutter)
sensor cooling[2]	active cooling, air & water
additional options	double shutter, lens control
dimensions H x W x L [mm]	95 x 90 x 109

[1] The readout noise values are given as median (med).
All values are raw data without any filtering.
[2] air = air forced with fan | water = external water connection

High-speed and high-resolution streaming at the same time – the pco.edge 26 CLHS offers the best of both worlds and much more.

The newest member of our highly successful pco.edge series combines the image quality of a 26 MPixel image sensor with unrivaled data transfer options. Its 4 CLHS FOL channels – all aligned in one compact plug – can be selected from 1 to 4 at a time and are capable of transmitting up to 4.9 GByte/s. These advantages do not result in a loss of image quality as the camera operates at minimum read noise and dark current. All these features make the pco.edge 26 CLHS a powerful solution for numerous applications in life science and physical science.

1288 EMVA Standard Compliant

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