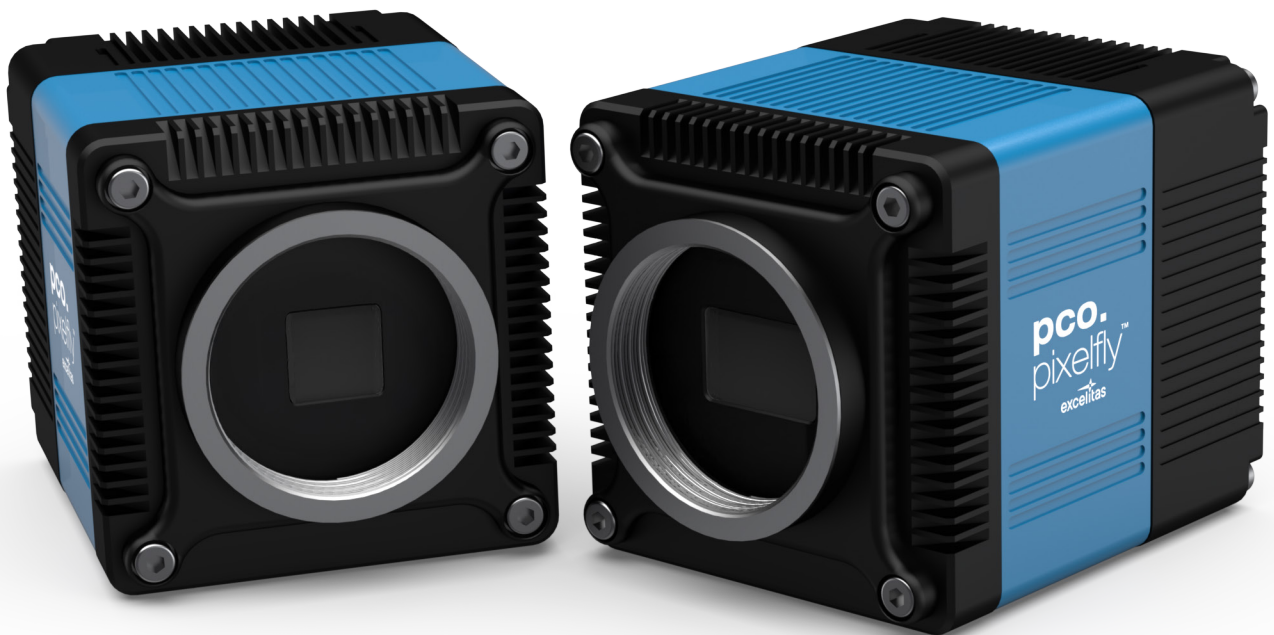




pco.pixelfly™ CLHS family

A Growing Portfolio for Industrial Imaging



Performance and Flexibility for Demanding Applications

The pco.pixelfly series continues to grow with a versatile range of CLHS cameras for industrial and scientific imaging. Combining advanced CMOS sensor technology with reliable high-speed fiber-optic data transmission, this series delivers the performance and flexibility required for demanding imaging applications.



pco.pixelfly 105 bi CLHS

High Performance with Sony Pregius S™ Technology



KEY FEATURES	
Sensor Resolution*	104.8 MPixel (10240 × 10240 pixels)
Sensor Technology	Sony Pregius S global shutter
Color Type	Monochrome and color (bayer pattern)
Pixel Size	2.74 μm × 2.74 μm
Frame Rate	Up to 110 fps at full resolution
Dynamic Range	4600 : 1 (73 dB)
Readout Noise	2.0 e ⁻ (median)

*Also available in 68 MPixel and 50 MPixel versions

pco.pixelfly 26 CLHS

Precision Imaging with True Global Shutter

KEY FEATURES	
Sensor Resolution	26.2 MPixel (5120 × 5120 pixels)
Sensor Technology	Global shutter scientific CMOS
Color Type	Monochrome and color (bayer pattern)
Pixel Size	2.5 μm × 2.5 μm
Frame Rate	Up to 29 fps at full resolution
Dynamic Range	1100 : 1 (61 dB)
Readout Noise	2.3 e ⁻ (median)



pco.pixelfly 10 bi CLHS

Maximum Sensitivity with sCMOS Technology



KEY FEATURES	
Sensor Resolution	10.4 MPixel (4416 × 2368 pixels)
Sensor Technology	Rolling shutter bi scientific CMOS
Color Type	Monochrome and color (bayer pattern)
Pixel Size	4.5 μm × 4.5 μm
Frame Rate	Up to 57 fps at full resolution
Quantum Efficiency	Peak QE 82 % (@ 500 nm)
Readout Noise	1.2 e ⁻ (median)



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