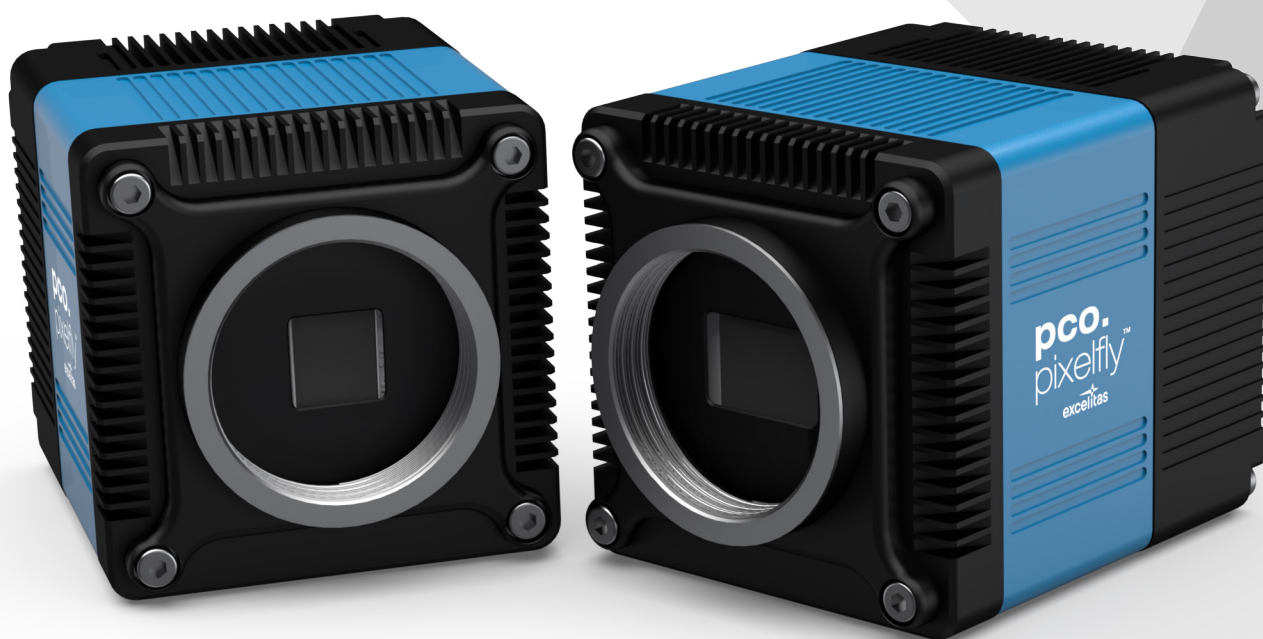


pco.pixelfly™

pco.®

New Innovations in Our
Industrial Camera Series



pco.pixelfly™ 26 CLHS

pco.pixelfly™ 10 bi CLHS


excelitas®

Expanding the pco.pixelfly Series for Industrial Imaging

We are extending our proven pco.pixelfly family with two new high-performance cameras, built around state-of-the-art scientific CMOS sensors. Both models feature a robust fiber-optic interface using the standardized CLHS protocol for reliable, high-speed data transmission over long distances.

pco.pixelfly 26 CLHS – High Resolution with Fast Global Shutter

The pco.pixelfly 26 CLHS combines a high-resolution global shutter sCMOS sensor with fast, reliable data transfer. Its excellent signal-to-noise ratio makes it well suited for precision measurement, metrology, and high-detail inspection tasks.

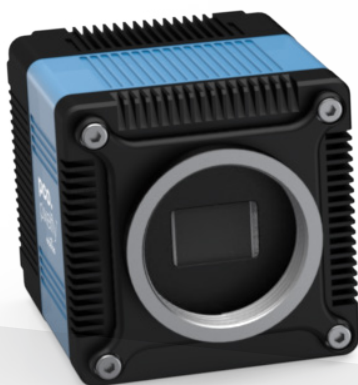
KEY FEATURES

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 for high spatial accuracy
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 Back Illumination

The pco.pixelfly 10 bi CLHS is equipped with a back illuminated scientific CMOS sensor for exceptionally high quantum efficiency and superior low-light performance. This makes the camera the optimal choice for fluorescence imaging, material analysis, and any application requiring maximum sensitivity.



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)