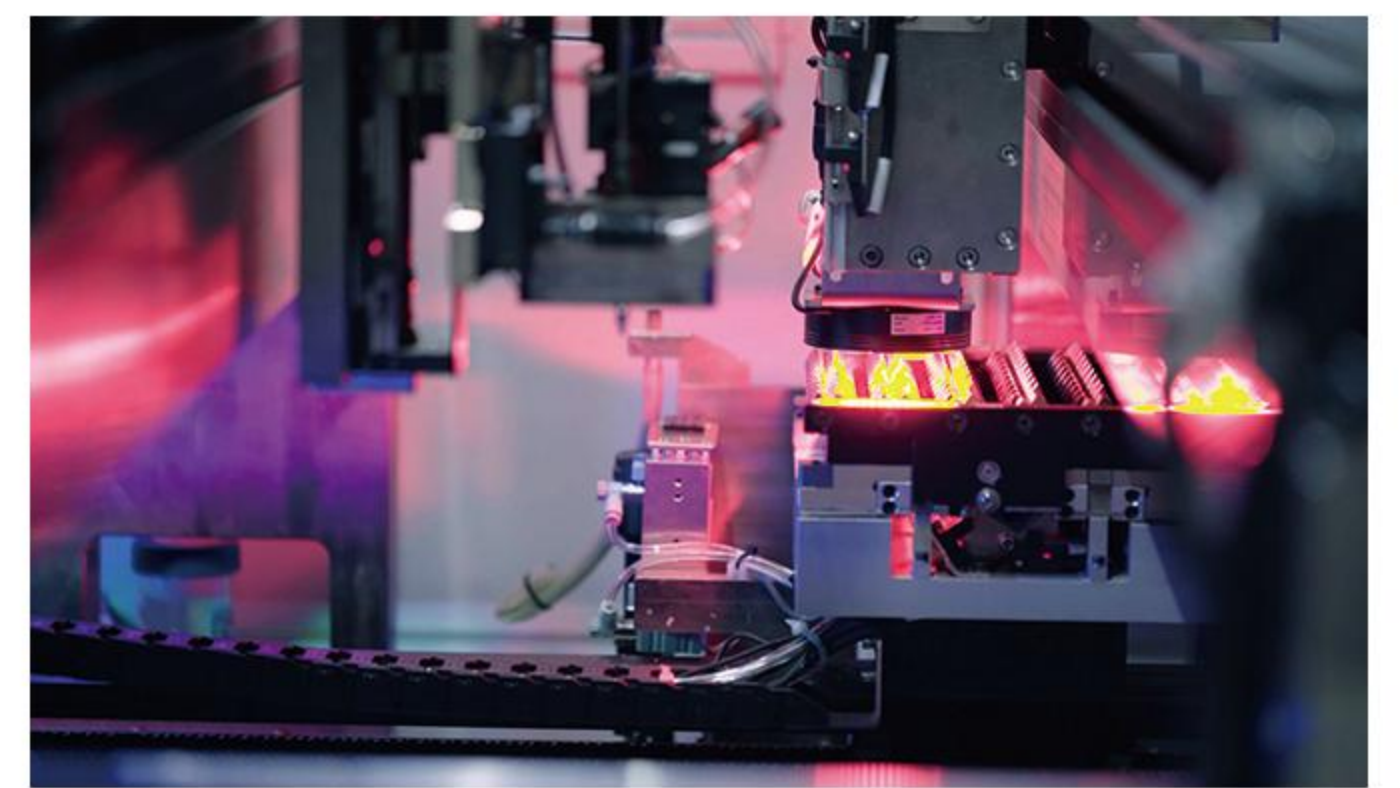
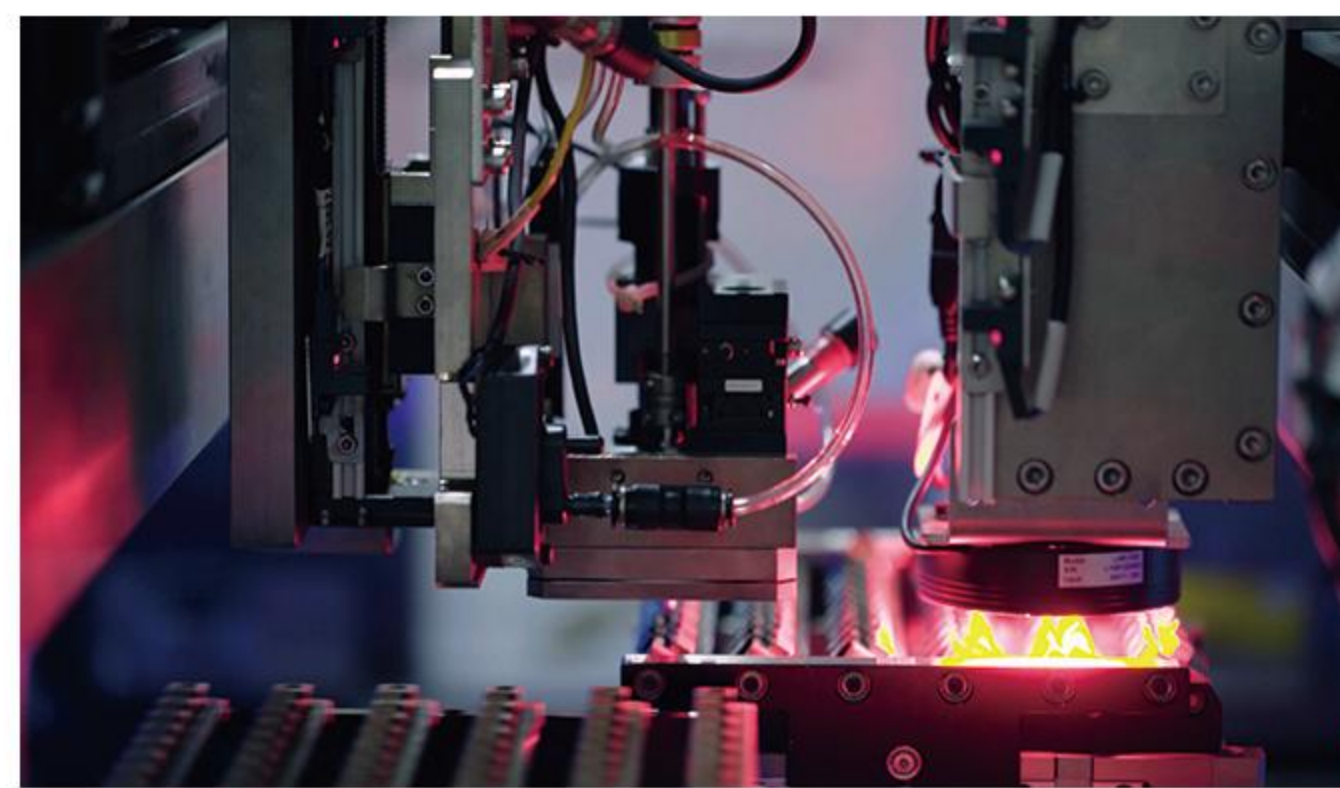


GIR Series

InGaAs Image Sensor

GIR

GIR is a family of sensors sensitive in both the visible and the short-wave infrared (SWIR) portions of the spectrum. Gpixel's SWIR product family features sub-LVDS digital output, supporting high data rates and ease of integration. SWIR image sensors can be used in a variety of industrial and scientific applications where their ability to reveal otherwise invisible features including quality inspection in agriculture, pharmaceuticals, and semiconductors.



Product Family Features

- ✓ High Sensitivity
- ✓ Digital Output
- ✓ High Speed

Applications

- ✓ Automation & Inspection
- ✓ Tomography (OCT)

InGaAs Image Sensors	Resolution	Pixel Size (μm^2)	Optical Format	Shutter Type	Peak QE	FWC Max(ke^-)	Temporal Noise Min (e^-)	DR Max (dB)	ADC (bit)	Max Line Rate(kHz)
GIR2505 	512 x 2	25.0 x 25.0	12.8 mm	Global	75% (1550 nm)	85	116	70	12	40.4
GIR1201 	1024 x 1	12.5 x 12.5	12.8 mm	Global	75% (1550 nm)	120	88	72	12	71.9

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