



EMEA

Denmark - JAI A/S
E-mail: camerasales.emea@jai.com
Phone: +45 4457 8888

Germany - JAI A/S
E-mail: camerasales.emea@jai.com
Phone: +45 4457 8888

The Netherlands - JAI A/S
E-mail: camerasales.emea@jai.com
Phone: +31 625 258 556

APAC

Japan - JAI Ltd.
E-mail: camerasales.japan@jai.com
Phone: +81 45-440-0154

China - JAI Technology (Beijing) Co., Ltd.
E-mail: camerasales.apac@jai.com
Phone: +8610-8588-0278

South Korea - JAI
E-mail: camerasales.apac@jai.com
Phone +82 2 6138 3830

Taiwan - JAI Representative Office
E-mail: camerasales.apac@jai.com
Phone +886 933 781 972

AMERICAS

United States - JAI Inc.
E-mail: camerasales.americas@jai.com
Phone (Toll-Free): 800 445 5444
Phone + 1 408 383 0300



See the possibilities

JAI A/S cannot be held responsible for any technical or typographical errors in this document, and reserves the right to make changes to products and documentation without prior notification. February 2024 - v1.

JAI CAMERA SERIES OVERVIEW



March 2025 - v2

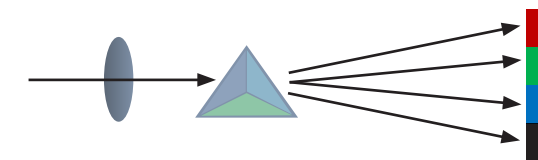


Single-Sensor

Multi-Sensor



Single-Sensor cameras with exceptional price, performance and reliability.



Multi-Sensor prism-based cameras with unique technology, functions and reliability.

Go-X Series

VIS



Compact, affordable CMOS area scan cameras with six-year warranty, unrivalled shock and vibration standards and market-leading dust protection.

- 66 models - Monochrome / Bayer.
- 2.3 to 24.5 MP.
- Up to 162 frames/s (2.3MP).
- 5 GigE Vision, USB3 Vision and CoaXPress.
- 6-year warranty.

Go Series

VIS UV



JAI's original small CMOS area scan cameras including polarization and UV sensitive models.

- 41 models - Monochrome / Bayer.
- 2.35 to 8.1 MP.
- Up to 159 frame/s (2.35MP).
- GigE Vision, USB3 Vision and Camera Link.

Spark Series

VIS



Advanced CMOS area scan cameras delivering high resolution, high frame rates, and high image quality.

- 32 models - Monochrome / Bayer.
- 5 to 45 MP.
- Up to 253 frame/s (5 MP).
- GigE Vision, USB3 Vision, CoaXPress and Camera Link.

Apex Series

VIS



Multi-sensor CMOS area scan cameras providing better color fidelity and spatial precision than traditional Bayer cameras.

- Seven models.
- 3-CMOS, prism based.
- 3 x 1.6 or 3 x 3.2 MP.
- Up to 79 frames/s (1.6 MP).
- 10 GigE Vision, USB3 Vision, and Camera Link.

Apex Medical

VIS



Multi-sensor CMOS area scan cameras with the ultimate combination of color precision and dust-free image quality.

- Five models.
- 3-CMOS, prism-based.
- 3 x 1.6 or 3 x 3.2 MP.
- Up to 79 frames/s (1.6 MP).
- USB3 Vision.

Fusion Series (Multispectral)

VIS NIR



Multi-sensor CMOS area scan cameras with unique capabilities for multispectral imaging.

- Four models.
- 2- & 3-CMOS, prism-based.
- 2 x 1.6 or 2 x 3.2 MP. (Color/NIR).
- 3 x 1.6 MP (Mono/NIR/NIR).
- 3 x 3.2 MP (Color/NIR/NIR).
- 10 GigE Vision.

Fusion Flex-Eye (Multispectral)

VIS NIR



Waveband customization based on four Fusion Base Models (1.6 or 3.2 MP) with two or three CMOS sensors.

- Four models.
- 2- & 3-CMOS, prism-based.
- Custom-specified prisms, filtering specific wavebands.
- Wavebands can be customized as narrow as 25 nm, located exactly where needed in the 405-1000 nm range.

VIBRATION
10G

SHOCK
80G

VIBRATION
3G

SHOCK
50G

Sweep Series

VIS

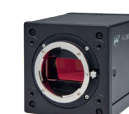


Trilinear, bilinear and monochrome CMOS line scan cameras with fast scan rates and high image quality.

- 15 models.
- 2048, 4096, 8192 and 16384 pixels in lines.
- Scan rates up to 277,000 lines/s (mono model).
- 10GigE Vision, 5GigE Vision, CoaXPress, and Camera Link.

Sweep+ Series (Multispectral)

VIS NIR SWIR



High performance prism-based color line scan cameras combining R-G-B color precision with NIR or SWIR imaging.

- 16 models.
- 2048, 4096 or 8192 px. for each sensor.
- 3-CMOS (R-G-B).
- 4-CMOS (R-G-B-NIR).
- 3-CMOS & 1-InGaAs (R-G-B-SWIR).
- 10GigE Vision, CoaXPress, and Camera Link.

Wave Series

SWIR



Line scan cameras with two InGaAs sensors delivering dual-band imaging in the short-wave infrared (SWIR) light spectrum.

- One model.
- 2-InGaAs sensors, prism-based.
- 2 x 1024 px resolution in lines.
- Captures two separate images in the SWIR light spectrum (900 to 1400 nm and 1400 to 1700 nm).
- Camera Link.

UV

= Detection of ultra violet light

VIS

= Detection of visible light

NIR

= Detection of near-infrared light

SWIR

= Detection of short wave-infrared light

Area Scan

Line Scan