

JAI Go-X, 5103M-USB, 2/3" 5.01 MP, USB Monochrome Camera



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Product Downloads

Monochrome

Spectrum:

General

Monochrome Camera

Type:

GOX-5103M-USB

Model Number:

JAI

Manufacturer:

Go-X

Camera Series:

Physical & Mechanical Properties

29 x 29 x 51.5 **Dimensions (mm):**

65 **Weight (g):**

Full **Housing:**

Sensor

2/3" **Sensor Format:**

5.00 **Resolution (Megapixels):**

35.00 **Frame Rate (fps):**

2,448 x 2,048 **Pixels (H x V):**

3.45 x 3.45 **Pixel Size, H x V (µm):**

8.5 x 7.1 **Sensing Area, H x V (mm):**

Sony IMX264 **Imaging Sensor:**

Progressive Scan CMOS **Type of Sensor:**

Global **Shutter Type:**

8/10/12 Bit **Pixel Depth:**

USB3 Vision **Machine Vision Standard:**

Electrical

4.3 **Power Consumption (W):**

Hardware & Interface Connectivity

USB 3.1 Gen 1 **Interface:**

USB 3.1 Gen 1, Micro-B **Connector:**

Power Supply:
Power Supply Required and Sold Separately.
USA: #29-171
Europe: #29-171
Japan: #29-171
Korea: Not Available
China: Not Available

Hardware Trigger (GPIO) or Software Trigger **Synchronization:**

Back Panel **Interface Port Orientation:**

6-pin Hirose **GPIO Connector Type:**

Threading & Mounting

C-Mount **Mount:**

Environmental & Durability Factors

-5 to +45 **Operating Temperature (°C):**

-25 to +60 **Storage Temperature (°C):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Up to 12.3 MP Resolution
- USB and GigE Versions Available
- Longest Industry Warranty (6 Years)

JAI® Go-X Series Cameras are designed to be compact, industrial grade, reliable cameras with excellent image quality. Featuring industrial grade shock and vibration ratings (80G/10G) as well as excellent thermal dissipation, these

cameras are ideal for factory floors and assembly lines. Designed with a variety of capabilities, these cameras are capable of region-of-interest (ROI), blemish compensation with shading correction, and 8, 10, and 12-bit output. JAI® Go-X Series Cameras are available in resolutions ranging from 2.3 to 12.3MP with both USB or Gigabit Ethernet (GigE) outputs. Downloadable software is [available](#) for both GigE and USB options.

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