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**£1,568**

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## Product Downloads

**Spectrum:**

Monochrome

## General

Type:

## Monochrome Camera

**Model Number:**

GT 2000 B

**Manufacturer:**

Allied Vision

|                                                                                                                                                                                   |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Prosilica GT                                                                                                                                                                      | Camera Series:              |
| Physical & Mechanical Properties                                                                                                                                                  |                             |
| 70.5 x 53.3 x 33 (excludes connectors and lens mount)                                                                                                                             | Dimensions (mm):            |
| 210                                                                                                                                                                               | Weight (g):                 |
| Full                                                                                                                                                                              | Housing:                    |
| Sensor                                                                                                                                                                            |                             |
| 128MB                                                                                                                                                                             | Image Buffer:               |
| 2/3"                                                                                                                                                                              | Sensor Format:              |
| 2.20                                                                                                                                                                              | Resolution (Megapixels):    |
| 53.70                                                                                                                                                                             | Frame Rate (fps):           |
| 2,048 x 1,088                                                                                                                                                                     | Pixels (H x V):             |
| 5.5 x 5.5                                                                                                                                                                         | Pixel Size, H x V (µm):     |
| 11.3 x 6                                                                                                                                                                          | Sensing Area, H x V (mm):   |
| CMOSIS CM2000                                                                                                                                                                     | Imaging Sensor:             |
| Progressive Scan CMOS                                                                                                                                                             | Type of Sensor:             |
| Global                                                                                                                                                                            | Shutter Type:               |
| 8/12 bit                                                                                                                                                                          | Pixel Depth:                |
| 18µs - 126.2s                                                                                                                                                                     | Exposure Time:              |
| 55.8                                                                                                                                                                              | Dynamic Range (dB):         |
| GigE Vision V1.2, GenICam SFNC V1.2.1                                                                                                                                             | Machine Vision Standard:    |
| Electrical                                                                                                                                                                        |                             |
| 3.4 (12VDC External Power Supply)<br>4.2 (PoE)                                                                                                                                    | Power Consumption (W):      |
| Hardware & Interface Connectivity                                                                                                                                                 |                             |
| GigE (PoE)                                                                                                                                                                        | Interface:                  |
| GigE, RJ45 with Screw Locks                                                                                                                                                       | Connector:                  |
| Power Supply Required and Sold Separately:<br>USA: <a href="#">#15-281</a><br>Europe: <a href="#">#15-281</a><br>Japan: <a href="#">#15-281</a><br>China: <a href="#">#15-281</a> | Power Supply:               |
| 1 opto-isolated input, 2 opto-isolated outputs, 1 non-isolated input, 2 non-isolated outputs                                                                                      | GPIOs:                      |
| Hardware Trigger (GPIO) or Software Trigger                                                                                                                                       | Synchronization:            |
| Back Panel                                                                                                                                                                        | Interface Port Orientation: |
| 12-pin Hirose (HR10)                                                                                                                                                              | GPIO Connector Type:        |
| Threading & Mounting                                                                                                                                                              |                             |
| C-Mount                                                                                                                                                                           | Mount:                      |
| ¼-20 with Tripod Mount Adapter <a href="#">#87-412</a>                                                                                                                            | Mounting Threads:           |
| Environmental & Durability Factors                                                                                                                                                |                             |
| -20 to +65                                                                                                                                                                        | Operating Temperature (°C): |

|                       |                             |                           |
|-----------------------|-----------------------------|---------------------------|
| -20 to +70            |                             | Storage Temperature (°C): |
| Regulatory Compliance |                             |                           |
| Compliant             | RoHS 2015:                  |                           |
| View                  | Certificate of Conformance: |                           |
| Compliant             | Reach 240:                  |                           |

## Product Details

PoE Injector (#68-469) or power supply and GigE cable, such as #63-431, are required for operation.

- Rugged PoE (Power Over Ethernet) Cameras for Extreme Environments
- Precise (P-Iris) and DC Auto Iris Control
- Up to 31.4 MegaPixel Resolution
- C-Mount, F-Mount, and TFL-Mount Options

Allied Vision Prosilica GT Series GigE Cameras are designed for the harshest environments and fluctuating light conditions. Capable of operating in extreme temperatures ranging from -20° to 60°C, Allied Vsion Prosilica GT Series GigE Cameras are ideal for ITS and traffic imaging, machine vision, industrial inspection, security, or surveillance applications. Allied Vsion Prosilica GT Series GigE Cameras feature both P-Iris and DC auto iris control for maintaining image quality, and support power over Ethernet for easy implementation.

**Note:** PoE Injector (#68-469) or power supply and GigE cable, such as #63-431, are required for operation.