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# Allied Vision Prosilica GT2000 2/3" NIR CMOS Camera

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Stock **#88-475** [CONTACT US](#)

1  MRP ₹2,20,896

Price inclusive of all taxes

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### Volume Pricing

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NIR **Spectrum:**

### General

NIR Camera **Type:**

GT 2000 NIR **Model Number:**

Allied Vision **Manufacturer:**

Prosilica GT **Camera Series:**

## Physical & Mechanical Properties

**Dimensions (mm):**  
70.5 x 53.3 x 33 (excludes connectors and lens mount)

**Weight (g):**  
210

**Housing:**  
Full

## Sensor

**Image Buffer:**  
128MB

**Sensor Format:**  
2/3"

**Resolution (Megapixels):**  
2.20

**Frame Rate (fps):**  
53.70

**Pixels (H x V):**  
2,048 x 1,088

**Pixel Size, H x V (µm):**  
5.5 x 5.5

**Sensing Area, H x V (mm):**  
11.3 x 6

**Imaging Sensor:**  
CMOSIS CM2000

**Type of Sensor:**  
Progressive Scan CMOS

**Shutter Type:**  
Global

**Pixel Depth:**  
8/12 bit

**Exposure Time:**  
18µs - 126.2s

**Dynamic Range (dB):**  
56.3

**Machine Vision Standard:**  
GigE Vision V1.2, GenICam SFNC V1.2.1

## Electrical

**Power Consumption (W):**  
3.4 (12VDC External Power Supply)  
4.2 (PoE)

## Hardware & Interface Connectivity

**Interface:**  
GigE (PoE)

**Connector:**  
GigE, RJ45 with Screw Locks

**Power Supply:**  
Power Supply Required and Sold Separately.  
USA: [#15-281](#)  
Europe: [#15-281](#)  
Japan: [#15-281](#)  
China: [#15-281](#)

**GPIOs:**  
1 opto-isolated input, 2 opto-isolated outputs, 1 non-isolated input, 2 non-isolated outputs

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

**Interface Port Orientation:**  
Back Panel

**GPIO Connector Type:**  
12-pin Hirose (HR10)

## Threading & Mounting

**Mount:**  
C-Mount

**Mounting Threads:**  
1/4-20 with Tripod Mount Adapter [#87-412](#)

## Environmental & Durability Factors

**Operating Temperature (°C):**  
-20 to +65

**Storage Temperature (°C):**  
-20 to +70

## Regulatory Compliance

Compliant

RoHS 2015:

[View](#)

Certificate of Conformance:

Compliant

Reach 240:

Canada

Country of Origin:

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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 Vision Prosilica GT Series GigE Cameras are ideal for ITS and traffic imaging, machine vision, industrial inspection, security, or surveillance applications. Allied Vision 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.