

Allied Vision Prosilica GT2000 2/3" NIR CMOS Camera

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1

+

S\$2,912⁰⁰

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Product Downloads

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 CMV2000	
	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:
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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 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.