

Allied Vision Prosilica GT2050 1" Color CMOS Camera

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S\$3,934⁰⁰

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Note: This item requires accessories for use | [Learn More](#)

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SPECIFICATIONS

General

	Type:
Color Camera	
	Model Number:
GT 2050 C	

Allied Vision	Manufacturer:
Prosilica GT	Camera Series:
Color	Spectrum:
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:
1"	Sensor Format:
4.20	Resolution (Megapixels):
28.60	Frame Rate (fps):
2,048 x 2,048	Pixels (H x V):
5.5 x 5.5	Pixel Size, H x V (µm):
11.6 x 11.6	Sensing Area, H x V (mm):
CMOSIS CMV4000	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/12 bit	Pixel Depth:
1µs - 126s	Exposure Time:
59.2	Dynamic Range (dB):
GigE Vision V1.2, GenICam SFNC V1.2.1	Machine Vision Standard:
Electrical	
3.5 (12VDC External Power Supply) 4.3 (PoE)	Power Consumption (W):
Hardware & Interface Connectivity	
GigE (PoE)	Interface:
GigE, RJ45 with Screw Locks	Connector:
Power Supply Required and Sold Separately: USA: #15-281 Europe: #15-281 Japan: #15-281 China: #15-281	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:
1/4-20 with Tripod Mount Adapter #87-412	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 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.

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