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€5.060

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Product Downloads

Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:

GT 5400

Manufacturer:

Allied Vision

Camera Series:

Prosilica GT

Physical & Mechanical Properties

53.3 × 66 × 53.3 (excludes connectors and lens mount)	Dimensions (mm):
372	Weight (g):
Full	Housing:

Sensor

128MB	Image Buffer:
4/3"	Sensor Format:
16.80	Resolution (Megapixels):
7.14	Frame Rate (fps):
5,472 x 3,084	Pixels (H x V):
3.45 x 3.45	Pixel Size, H x V (µm):
18.9 x 10.6	Sensing Area, H x V (mm):
Sony IMX387	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
Auto Exposure	Exposure Time:
72.0	Dynamic Range (dB):
GigE Vision V1.2, GenICam SFNC V1.2.1	Machine Vision Standard:

Electrical

5.2 (12VDC External Power Supply) 6.4 (PoE)	Power Consumption (W):
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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

TFL-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

- 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.