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Basler ace GigE Cameras



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Monochrome **Spectrum:**

General

Type: Monochrome Camera

acA1920-48gm

Basler	Manufacturer:
ace	Camera Series:
Physical & Mechanical Properties	
42 x 29 x 29 (excludes connectors and lens mount)	Dimensions (mm):
90	Weight (g):
Full	Housing:
Sensor	
2/3"	Sensor Format:
2.30	Resolution (Megapixels):
50.00	Frame Rate (fps):
1,920 x 1,200	Pixels (H x V):
4.8 x 4.8	Pixel Size, H x V (µm):
9.22 x 5.76	Sensing Area, H x V (mm):
ON Semi PYTHON 2000	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
10 bit	Pixel Depth:
Programmable via camera API, hardware trigger	Exposure Time:
57.1	Dynamic Range (dB):
GigE Vision, GenICam	Machine Vision Standard:
Electrical	
3.3 (12VDC External Power Supply) 3.7 (PoE)	Power Consumption (W):
Hardware & Interface Connectivity	
GigE (PoE)	Interface:
GigE, RJ45 with Screw Locks	Connector:
Power Supply Required and Sold Separately. USA: #68-466 Europe: #68-466 Japan: #68-466 Korea: #68-466 China: #68-466	Power Supply:
1 opto-coupled input line, 1 opto-coupled output line, 1 general purpose I/O (GPIO) line	GPIOs:
Hardware Trigger (GPIO), Software Trigger, or Free-Run	Synchronization:
Back Panel	Interface Port Orientation:
6-pin Hirose (HR10)	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
¼-20 with Tripod Mount Adapter #88-517	Mounting Threads:
Environmental & Durability Factors	
0 to +50	Operating Temperature (°C):

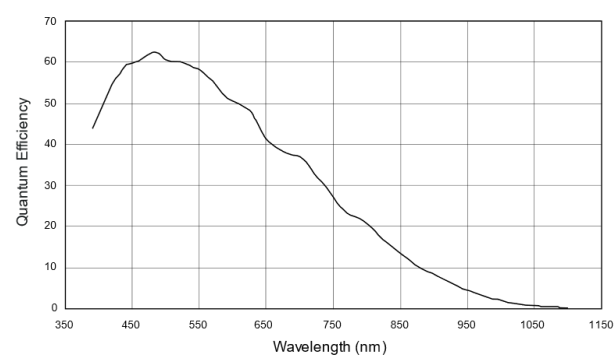
-20 to +80		Storage Temperature (°C):
Regulatory Compliance		
Compliant	RoHS 2015:	
View	Certificate of Conformance:	
Compliant	Reach 235:	

Product Details

- Perfect Analog Replacement
- Ultra-Small Form Factor
- Power Over Ethernet (PoE)
- Includes Basler Pylon Driver

Basler ace GigE Cameras are economical Gigabit Ethernet cameras that provide an ideal upgrade opportunity for analog camera users. With a small form factor matching that of many analog cameras (29 x 29mm), the ace can be a drop-in replacement to an existing analog system or a great choice to start a new project. Basler ace GigE Cameras can use Power Over Ethernet (PoE) (2 GigE cables required). The cameras can have long cable lengths and are the optimal choice for use on a factory floor. All cameras include the industry-proven Basler Pylon SDK Software and Driver.

Technical Information



MT9P031 Sensor QE Curve