![Edmund Optics | worldwide]

English ▾   INR ▾   Contact Us

Basler ace acA1920-150um Monochrome USB 3.0 Camera

See More by **Basler**

Basler ace USB 3.0 Cameras (Front)

Stock **#36-739**   **1 In Stock**

⊖ 1 ⊕   **₹70,000**

ADD TO CART

Volume Pricing	
Qty 1+	**₹70,000** each
Need More?	**Request Quote**

Product Downloads

Spectrum:	
Monochrome	

General

Type:	
Monochrome Camera	
Model Number:	
acA1920-150um	
Manufacturer:	

	Camera Series:
Basler	
ace	

Physical & Mechanical Properties

	Dimensions (mm):
29.3 x 29 x 29 (excludes connectors and lens mount)	
	Weight (g):
80	
	Housing:
Full	

Sensor

	Image Buffer:
Not Specified	
	Sensor Format:
2/3"	
	Resolution (Megapixels):
2.30	
	Frame Rate (fps):
150.00	
	Pixels (H x V):
1,920 x 1,200	
	Pixel Size, H x V (µm):
4.8 x 4.8	
	Sensing Area, H x V (mm):
9.22 x 5.76	
	Imaging Sensor:
ON Semi PYTHON 2000	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Global	
	Pixel Depth:
10 bit	
	Exposure Time:
Programmable via camera API, hardware trigger	
	Dynamic Range (dB):
56.9	
	Machine Vision Standard:
USB3 Vision v1.0	

Electrical

	Power Consumption (W):
3	

Hardware & Interface Connectivity

	Interface:
USB 3.0	
	Connector:
USB 3.0, Micro-B with Screw Locks	
	Power Supply:
Power over USB	
	GPIOs:
1 opto-coupled input line, 1 opto-coupled output line, 2 general purpose I/O (GPIO) lines	
	Synchronization:
Hardware Trigger (GPIO), Software Trigger, or Free-Run	
	Interface Port Orientation:
Back Panel	
	GPIO Connector Type:
6-pin Hirose (HR10)	

Threading & Mounting

	Mount:
C-Mount	
	Mounting Threads:
¼-20 with Tripod Mount Adapter #88-517	

Environmental & Durability Factors

	Operating Temperature (°C):
0 to +50	
	Storage Temperature (°C):
-20 to +80	

RoHS 2015:

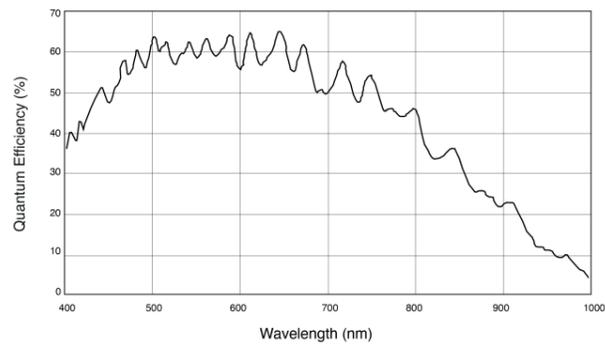Compliant

Certificate of Conformance:

View

Reach 235:

Compliant

Product Details

- High Speed USB 3.0 Interface
- Ultra-Small Form Factor
- Fully USB3 Vision Compliant

Basler ace USB 3.0 Cameras are an ideal choice for analog camera users looking to upgrade to digital, or for FireWire or USB 2.0 users looking for faster data transfer rates. Basler ace USB 3.0 Cameras are fully USB3 Vision compliant and feature a small, 29 x 29mm form factor that makes them easy drop-in replacements for many analog, FireWire, or USB 2.0 cameras. Additionally, these USB 3.0 cameras feature screw-locking USB 3.0 ports for increased ruggedness in demanding applications, such as factory floor use. All cameras include the Basler Pylon SDK software and driver.

Technical Information

MT9P031 Sensor QE Curve