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Basler ace acA2500-14um Monochrome USB 3.0 Camera, CS Mount

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Basler ace USB 3.0 Cameras (Front)



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- 1 + C\$840⁰⁰

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Monochrome **Spectrum:**

General

Monochrome Camera **Type:**

acA2500-14um **Model Number:**

Manufacturer:

Basler

Camera Series:

ace

Physical & Mechanical Properties

Dimensions (mm):

29.3 mm x 29 mm x 29mm

Weight (g):

80

Housing:

Full

Sensor

Sensor Format:

1/2.5"

Resolution (Megapixels):

5.00

Frame Rate (fps):

14.00

Pixels (H x V):

2,592 x 1,944

Pixel Size, H x V (µm):

2.2 x 2.2

Sensing Area, H x V (mm):

5.7 x 4.28

Imaging Sensor:

MT9P031

Type of Sensor:

Progressive Scan CMOS

Shutter Type:

Rolling

Pixel Depth:

12 bit

Exposure Time:

hardware trigger & freely programmable

Dynamic Range (dB):

60.6 dB

Machine Vision Standard:

USB 3.0 Vision, GenICam

Electrical

Power Consumption (W):

2.2

Hardware & Interface Connectivity

Interface:

USB 3.0

Connector:

USB, RJ45 with Screw Locks

Power Supply:

Via USB 3.0 interface

GPIOs:

1 opto-coupled input line, 2 general purpose I/O (GPIO) lines

Synchronization:

Hardware Trigger (GPIO), Ethernet connection, or Free Run

Interface Port Orientation:

Back Panel

GPIO Connector Type:

M8 6-pin

Threading & Mounting

Mount:

CS-Mount

Mounting Threads:

1/4-20 with Tripod Mount Adapter [#88-517](#)

Environmental & Durability Factors

Operating Temperature (°C):

0 °C - 50 °C

Regulatory Compliance

Certificate of Conformance:

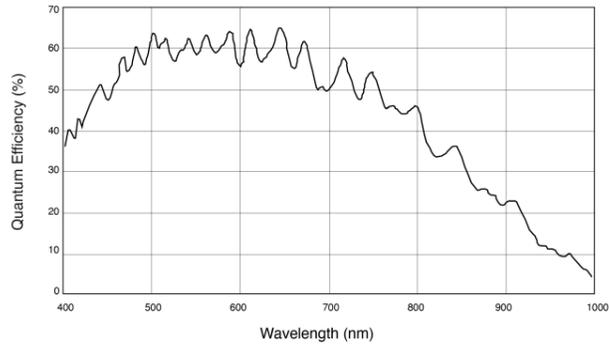
[View](#)

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

Calibration Services
