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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

+

S\$840⁰⁰

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SPECIFICATIONS

Monochrome

Spectrum:

General

Monochrome Camera

Type:

acA2500-14um	Model Number:
Basler	Manufacturer:
ace	Camera Series:
Physical & Mechanical Properties	
29.3 mm x29 mm x29mm	Dimensions (mm):
80	Weight (g):
Full	Housing:
Sensor	
1/2.5"	Sensor Format:
5.00	Resolution (Megapixels):
14.00	Frame Rate (fps):
2,592 x 1,944	Pixels (H x V):
2.2 x 2.2	Pixel Size, H x V (µm):
5.7 x 4.28	Sensing Area, H x V (mm):
MT9P031	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Rolling	Shutter Type:
12 bit	Pixel Depth:
hardware trigger & freely programmable	Exposure Time:
60.6 dB	Dynamic Range (dB):
USB 3.0 Vision, GenICam	Machine Vision Standard:
Electrical	
2.2	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.0	Interface:
USB, RJ45 with Screw Locks	Connector:
Via USB 3.0 interface	Power Supply:
1 opto-coupled input line, 2 general purpose I/O (GPIO) lines	GPIOs:
Hardware Trigger (GPIO), Ethernet connection, or Free Run	Synchronization:
Back Panel	Interface Port Orientation:
M8 6-pin	GPIO Connector Type:
Threading & Mounting	
CS-Mbunt	Mount:
1/4-20 with Tripod Mount Adapter #16-641	Mounting Threads:
Environmental & Durability Factors	
0 °C - 50 °C	Operating Temperature (°C):

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Certificate of Conformance:

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

