

Basler ace acA1920-40um Monochrome USB 3.0 Camera



Basler ace USB 3.0 Camera with UC Series Lens
(#33-300 not included)

1/4-20 Mounting Adapter, #88-517

5m USB 3.0 Locking Cable, #88-515



Stock **#33-980** \$525.00

Downloads Available

Note: This item requires accessories for use | [Learn More](#)

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Product Family Description

- 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.

Common Specifications for Product Family

Camera Family:	ace
Manufacturer:	Basler
Mount:	C-Mount
Video Output:	USB 3.0

Specifications

Model Number:	acA1920-40um
Camera Sensor Format:	1/1.2"
Resolution (MegaPixels):	2.3
Pixels (H x V):	1920 x 1200
Type:	Monochrome Camera
Conformity:	USB3 Vision, GenICam

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Dimensions (mm):	29.3 x 29.0 x 29.0
Exposure Control:	Freely Programmable
Frame Rate (fps):	41
Imaging Device:	Sony IMX249
Input/Output Options:	1 Opto-isolated Input/Output, 2 Fast-GPIO Ports
Operating System:	Software Driver: Windows 32 and 64 bit, Linux, OS X
Operating Temperature (°C):	0 to +50
Pixel Size, H x V (µm):	5.86 x 5.86
Power Requirement:	Via USB 3.0 interface
Synchronization:	Via External Trigger, or Free-Run
Type of Sensor:	Progressive Scan CMOS
Type of Shutter:	Global
RoHS:	Compliant

Accessories

Title	Stock Number	Price	Volume	Buy
4 Port USB 3.0 Hub with Power and Locking Screws (/cameras/usb-cameras/4-Port-USB-3.0-Hub-with-Power)	#89-540 (/cameras/usb-cameras/4-Port-USB-3.0-Hub-with-Power)	\$165.00	Request a Quote (/products/servic... quote.cfm? addStockToQuote...	IN STOCK Qty BUY
4 Port USB 3.0 PCIE Card 2.0 x 1 (/cameras/usb-cameras/4-Port-USB-3.0-PCIE-Card-2.0-x-1)	#89-539 (/cameras/usb-cameras/4-Port-USB-3.0-PCIE-Card-2.0-x-1)	\$135.00	Request a Quote (/products/servic... quote.cfm? addStockToQuote...	IN STOCK Qty BUY
USB 3.0 Locking Cable, 5m (/cameras/usb-cameras/usb-3.0-locking-cable-5m-5be0ac7e)	#88-515 (/cameras/usb-cameras/usb-3.0-locking-cable-5m-5be0ac7e)	\$45.00	Request a Quote (/products/servic... quote.cfm? addStockToQuote...	IN STOCK Qty BUY
GPIO & Power Cable for USB 3.0 ace, bare leads, 10m (/cameras/usb-cameras/gpiopower-cable-for-usb-3.0-ace-bare-leads-10m)	#88-516 (/cameras/usb-cameras/gpiopow... cable-for-usb-3.0-ace-bare-leads-10m)	\$65.00	Request a Quote (/products/servic... quote.cfm? addStockToQuote...	IN STOCK Qty BUY
¼-20 Mounting Adapter for Basler ace USB 3.0 (/cameras/usb-cameras/frac14-20-Mounting-Adapter-for-Basler-ace-USB-3.0)	#88-517 (/cameras/usb-cameras/frac14-20-Mounting-Adapter-for-Basler-ace-USB-3.0)	\$45.00	Request a Quote (/products/servic... quote.cfm? addStockToQuote...	IN STOCK Qty BUY

Documents/Downloads

Drivers 📁 Basler Software (<http://www.baslerweb.com/en/products/software>)

Technical Images