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Basler ace2 a2A3840-45umBAS Monochrome USB3 Basic Camera



Basler ace2 USB 3.0 Cameras (Front)



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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer:
Basler

Mounting Threads:

1/4-20 with Tripod Mount Adapter [#16-641](#)

Image Buffer: Not Specified
Camera Family: ace2
Model Number: a2A3840-45umBAS
Imaging Sensor: Sony IMX334
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 8.30
Pixels (H x V): 3,840 x 2,160
Pixel Size, H x V (µm): 2.00 x 2.00
Sensing Area, H x V (mm): 7.7 x 4.3
Frame Rate (fps): 45.00
Pixel Depth: 8/10/12 bit
Exposure Time: Freely Programmable
Connector: USB 3.0, Micro-B
Power Supply: Power over USB
Power Consumption (W): 2.8
GPIOs: 1 opto-coupled input line, 2 general purpose I/O (GPIO) lines
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run
Dimensions (mm): 36.3 x 29 x 29 (excludes connectors and lens mount)
Weight (g): <85
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 69.2
Operating Temperature (°C): -10 to +60
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin M8
Machine Vision Standard: USB3 Vision v1.0, GenICam

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant