

Basler ace acA2040-120um Monochrome USB 3.0 Camera



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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer:
Basler

Mounting Threads: ¼-20 with Tripod Mount Adapter #88-517
Image Buffer: Not Specified
Camera Family: ace
Model Number: acA2040-120um
Imaging Sensor: Sony IMX252
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 3.00
Pixels (H x V): 2,048 x 1,536
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 7.07 x 5.3
Frame Rate (fps): 120.00
Pixel Depth: 10/12 bit
Exposure Time: Programmable via camera API, hardware trigger
Connector: USB 3.0, Micro-B with Screw Locks
Power Supply: Power over USB
Power Consumption (W): 3.1
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
Dimensions (mm): 29.3 x 29 x 29 (excludes connectors and lens mount)
Weight (g): 80
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 73.4
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin Hirose (HR10)
Machine Vision Standard: USB3 Vision v1.0

Regulatory Compliance

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