

Basler Ace acA4096-40uc USB 3.0 Color Camera



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Video Output:
USB 3.0

Type:
Color Camera

Manufacturer:
Basler

Mounting Threads: ¼-20 with Tripod Mount Adapter #12-611
Image Buffer: Not Specified
Camera Family: ace
Model Number: acA4096-40uc
Imaging Sensor: Sony IMX255
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1"
Resolution (MegaPixels): 9.00
Pixels (H x V): 4,096 x 2,168
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 14.13 x 7.48
Frame Rate (fps): 42.00
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): 3.6
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): 35.8 x 40 x 30 (excludes connectors and lens mount)
Weight (g): 80
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
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