

Basler ace acA2500-60um Monochrome USB 3.0 Camera



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Video Output: USB 3.0
Type: Monochrome Camera
Manufacturer: Basler
Mounting Threads: 1/4-20 with Tripod Mount Adapter #88-517

Image Buffer: Not Specified
Camera Family: ace
Model Number: acA2500-60um
Imaging Sensor: ON Semi PYTHON 5000
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1"
Resolution (MegaPixels): 5.00
Pixels (H x V): 2,590 x 2,048
Pixel Size, H x V (µm): 4.8 x 4.8
Sensing Area, H x V (mm): 12.43 x 9.83
Frame Rate (fps): 60.00
Pixel Depth: 10 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): 3.5
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): 56.8
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