

Basler Ace acA3088-57um USB 3.0 Monochrome Camera



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1



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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: acA3088-57um
Imaging Sensor: Sony IMX178
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 6.00
Pixels (H x V): 3,088 x 2,064
Pixel Size, H x V (µm): 2.4 x 2.4
Sensing Area, H x V (mm): 7.41 x 4.95
Frame Rate (fps): 59.00
Pixel Depth: 10/12 bit
Exposure Time: Programmable via camera API
Connector: USB 3.0, Micro-B with Screw Locks
Power Supply: Power over USB
Power Consumption (W): 3
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): 73.0
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