

Basler ace2 a2A1920-51gmPRO Monochrome GigE Pro Camera



Basler ace2 GigE Cameras (Front)



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Video Output:
GigE (PoE)

Type:
Monochrome Camera

Manufacturer:
Basler

Mounting Threads: ¼-20 with Tripod Mount Adapter #16-641
Image Buffer: Not Specified
Camera Family: ace2
Model Number: a2A1920-51gmPRO
Imaging Sensor: Sony IMX392
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/2.3"
Resolution (MegaPixels): 2.30
Pixels (H x V): 1,920 x 1,200
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 6.6 x 4.1
Frame Rate (fps): 51.00
Pixel Depth: 8/10/12 bit
Exposure Time: Freely Programmable
Connector: GigE, RJ45 with Screw Locks
Power Supply: Power over Ethernet (PoE) or via GPIO with #16-644
Power Consumption (W): 3.8
GPIOs: 1 opto-coupled input line, 2 general purpose I/O (GPIO) lines
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run
Dimensions (mm): 55.5 x 29 x 29 (excludes connectors and lens mount)
Weight (g): <100
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 71.7
Operating Temperature (°C): -10 to +60
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin M8
Machine Vision Standard: GigE Vision 2.0, GenICam

Regulatory Compliance

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