

Basler ace2 a2A4504-18umPRO Monochrome USB3 Pro Camera



Basler ace2 USB 3.0 Cameras (Front)



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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer:
Basler

Mounting Threads: ¼-20 with Tripod Mount Adapter #16-641
Image Buffer: Not Specified
Camera Family: ace2
Model Number: a2A4504-18umPRO
Imaging Sensor: Sony IMX541
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 20.20
Pixels (H x V): 4,504 x 4,504
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 12.3 x 12.3
Frame Rate (fps): 18.00
Pixel Depth: 8/10/12 bit
Exposure Time: Freely Programmable
Connector: USB 3.0, Micro-B
Power Supply: Power over USB
Power Consumption (W): 4.0
GPIOs: 1 opto-coupled input line, 2 general purpose I/O (GPIO) lines
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run
Dimensions (mm): 36.3 x 29 x 29 (excludes connectors and lens mount)
Weight (g): <90
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 70.8
Operating Temperature (°C): -10 to +60
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin MB
Machine Vision Standard: USB3 Vision v1.0, GenICam

Regulatory Compliance

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