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Basler ace2 a2A1920-160umPRO 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:
a2A1920-160umPRO

Imaging Sensor:
Sony IMX392

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1/2.3"

Resolution (MegaPixels):
2.00

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):
160.00

Pixel Depth:
8/10/12 bit

Exposure Time:
Freely Programmable

Connector:
USB 3.0, Micro-B

Power Supply:
Power over USB

Power Consumption (W):
4.3

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):
71.7

Operating Temperature (°C):
-10 to +60

Storage Temperature (°C):
-20 to +80

GPIO Connector Type:
6-pin M8

Machine Vision Standard:
USB3 Vision v1.0, GenICam

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant