

Basler Ace acA4024-29uc USB 3.0 Color Camera



Stock #37-216 3-4 DAYS

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Video Output:
USB 3.0

Type:
Color Camera

Manufacturer:
Basler

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#88-517](#)

Image Buffer:
Not Specified

Camera Family:
ace

Model Number:
acA4024-29uc

Imaging Sensor:
Sony IMX226

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Rolling

Camera Sensor Format:
1/1.7"

Resolution (MegaPixels):
12.00

Pixels (H x V):
4,024 x 3,036

Pixel Size, H x V (µm):
1.85 x 1.85

Sensing Area, H x V (mm):
7.44 x 5.62

Frame Rate (fps):
31.00

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):
Not Specified

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](#)