

Basler ace acA1920-50gc Color GigE Camera



Basler ace GigE Cameras



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Video Output:
GigE (PoE)

Type:
Color Camera

Manufacturer:

Basler

Mounting Threads:¼-20 with Tripod Mount Adapter [#88-517](#)**Camera Family:**

ace

Model Number:

acA1920-50gc

Imaging Sensor:

Sony IMX174

Type of Sensor:

Progressive Scan CMOS

Type of Shutter:

Global

Camera Sensor Format:

1/1.2"

Resolution (MegaPixels):

2.30

Pixels (H x V):

1,920 x 1,200

Pixel Size, H x V (µm):

5.86 x 5.86

Sensing Area, H x V (mm):

11.25 x 7.03

Frame Rate (fps):

50.00

Pixel Depth:

10/12 bit

Exposure Time:

Freely Programmable

Connector:

GigE, RJ45 with Screw Locks

Power Supply:

Power Supply Required and Sold Separately.

USA: [#68-466](#)Europe: [#68-466](#)Japan: [#68-466](#)Korea: [#68-466](#)China: [#68-466](#)**Power Consumption (W):**

2.8 (12VDC External Power Supply)

3.0 (PoE)

GPIOs:

1 opto-coupled input line, 1 opto-coupled output line,

1 general purpose I/O (GPIO) line

Synchronization:

Hardware Trigger (GPIO), Software Trigger, or Free-

Run

Dimensions (mm):

42 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):

Not Specified

Operating Temperature (°C):

0 to +50

Storage Temperature (°C):

-20 to +80

GPIO Connector Type:

6-pin Hirose (HR10)

Machine Vision Standard:

GigE Vision

Operating System:

Software Driver: Windows, Linux - 32 and 64 bit

Regulatory Compliance

RoHS 2015:[Compliant](#)**Certificate of Conformance:**[View](#)

