See all 70 Products in Family

Basler ace acA1920-48gc Color GigE Camera

See More by Basler

Basler ace GigE Cameras

Stock **#35-914** **10 In Stock**

Similar Cameras

- 1 + C$1,127.00

ADD TO CART

Volume Pricing	
Qty 1+	**C$1,127.00** each
Need More?	Request Quote

Product Downloads

Spectrum:

Color

General

Type:

Color Camera

Model Number:

acA1920-48gc

Manufacturer:
Basler

Camera Series:
ace

Physical & Mechanical Properties

Dimensions (mm):
42 x 29 x 29 (excludes connectors and lens mount)

Weight (g):
90

Housing:
Full

Sensor

Sensor Format:
2/3"

Resolution (Megapixels):
2.30

Frame Rate (fps):
50.00

Pixels (H x V):
1,920 x 1,200

Pixel Size, H x V (µm):
4.8 x 4.8

Sensing Area, H x V (mm):
9.22 x 5.76

Imaging Sensor:
ON Semi PYTHON 2000

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
10 bit

Exposure Time:
Programmable via camera API, hardware trigger

Dynamic Range (dB):
Not Specified

Machine Vision Standard:
GigE Vision, GenICam

Electrical

Power Consumption (W):
3.3 (12VDC External Power Supply)
3.7 (PoE)

Hardware & Interface Connectivity

Interface:
GigE (PoE)

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**

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

Interface Port Orientation:
Back Panel

GPIO Connector Type:
6-pin Hirose (HR10)

Threading & Mounting

Mount:
C-Mount

Mounting Threads:
¼-20 with Tripod Mount Adapter **#88-517**

Environmental & Durability Factors

Operating Temperature (°C):

0 to +50

Storage Temperature (°C):

-20 to +80

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 235:

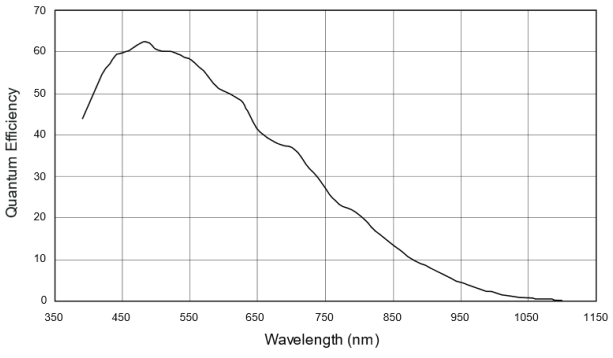
Compliant

Product Details

- Perfect Analog Replacement
- Ultra-Small Form Factor
- Power Over Ethernet (PoE)
- Includes Basler Pylon Driver

Basler ace GigE Cameras are economical Gigabit Ethernet cameras that provide an ideal upgrade opportunity for analog camera users. With a small form factor matching that of many analog cameras (29 x 29mm), the ace can be a drop-in replacement to an existing analog system or a great choice to start a new project. Basler ace GigE Cameras can use Power Over Ethernet (PoE) (2 GigE cables required). The cameras can have long cable lengths and are the optimal choice for use on a factory floor. All cameras include the industry-proven Basler Pylon SDK Software and Driver.

Technical Information



MT9P031 Sensor QE Curve

Calibration Services

;