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Basler ace acA3800-10gm Monochrome GigE Camera

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Basler ace GigE Cameras



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Product Downloads

General

acA3800-10gm **Model Number:**

Monochrome Camera **Type:**

Camera Series:

ace

Manufacturer:

Basler

Physical & Mechanical Properties

Dimensions (mm):

42 x 29 x 29 (excludes connectors and lens mount)

Weight (g):

90

Housing:

Full

Sensor

Frame Rate (fps):

10.0000000000

Imaging Sensor:

ON Semi MT9J003

Pixel Size, H x V (µm):

1.67 x 1.67

Pixels (H x V):

3,856 x 2,764

Sensing Area, H x V (mm):

6.44 x 4.62

Pixel Depth:

12 bit

Shutter Type:

Rolling

Type of Sensor:

Progressive Scan CMOS

Exposure Time:

Freely Programmable

Sensor Format:

1/2.3"

Dynamic Range (dB):

54.0

Resolution (Megapixels):

10.6000000000

Machine Vision Standard:

GigE Vision

Electrical

Power Consumption (W):

3.3 (12VDC External Power Supply)
3.7 (PoE)

Hardware & Interface Connectivity

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](#)

Synchronization:

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

Interface:

GigE (PoE)

Operating System:

Software Driver: Windows, Linux - 32 and 64 bit

Interface Port Orientation:

Back Panel

GPIOs:

1 opto-coupled input line, 1 opto-coupled output line,
1 general purpose I/O (GPIO) line

GPIO Connector Type:

6-pin Hirose (HR10)

Threading & Mounting

Mount:

C-Mount

Mounting Threads:

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

Environmental & Durability Factors

Operating Temperature (°C):

0 to +50

Storage Temperature (°C):

-20 to +80

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

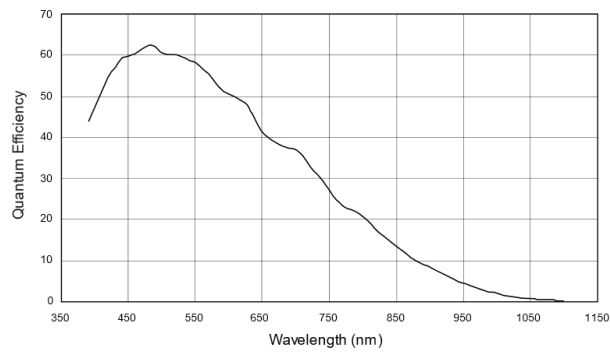
[Contains SVHC\(s\)](#) **Reach 253:**

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