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# Basler ace acA1920-25gc Color GigE Camera

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Basler ace GigE Cameras

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**Spectrum:**

Color

## General

**Type:**

Color Camera

**Model Number:**
acA1920-25gc

**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:**
1/3.7"

**Resolution (Megapixels):**
2.00

**Frame Rate (fps):**
25.00

**Pixels (H x V):**
1,920 x 1,080

**Pixel Size, H x V (µm):**
2.2 x 2.2

**Sensing Area, H x V (mm):**
4.22 x 2.38

**Imaging Sensor:**
ON Semi MT9P031

**Type of Sensor:**
Progressive Scan CMOS

**Shutter Type:**
Rolling

**Pixel Depth:**
12 bit

**Exposure Time:**
Freely Programmable

**Dynamic Range (dB):**
Not Specified

**Machine Vision Standard:**
GigE Vision

## Electrical

**Power Consumption (W):**
2.2 (12VDC External Power Supply)
2.7 (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)

**Operating System:**
Software Driver: Windows, Linux - 32 and 64 bit

## 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:**

Exempt

**Certificate of Conformance:**

View

**Reach 253:**

Contains SVHC(s)

**Country of Origin:**

Germany

**Imported By:**

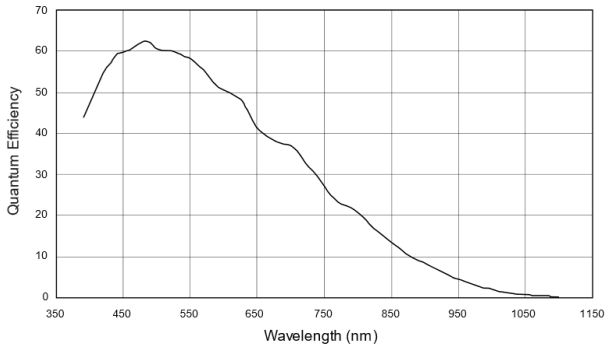
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

# 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*

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