

## Basler ace acA1920-25gc Color GigE Camera



Basler ace GigE Cameras



Stock **#88-559** 3-4 DAYS

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-

1

+

€370<sup>00</sup>

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**Note:** This item requires accessories for use | [Learn More](#)

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### SPECIFICATIONS

General

|                                                                                                                                                                                                                     |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|                                                                                                                                                                                                                     |                             |
| Color Camera                                                                                                                                                                                                        | Type:                       |
| Basler                                                                                                                                                                                                              | Manufacturer:               |
| ace                                                                                                                                                                                                                 | Camera Family:              |
| acA1920-25gc                                                                                                                                                                                                        | Model Number:               |
| Physical & Mechanical Properties                                                                                                                                                                                    |                             |
| 42 x 29 x 29 (excludes connectors and lens mount)                                                                                                                                                                   | Dimensions (mm):            |
| 90                                                                                                                                                                                                                  | Weight (g):                 |
| Full                                                                                                                                                                                                                | Housing:                    |
| Sensor                                                                                                                                                                                                              |                             |
| ON Semi MT9P031                                                                                                                                                                                                     | Imaging Sensor:             |
| Progressive Scan CMOS                                                                                                                                                                                               | Type of Sensor:             |
| Rolling                                                                                                                                                                                                             | Type of Shutter:            |
| 1/3.7"                                                                                                                                                                                                              | Camera Sensor Format:       |
| 2.00                                                                                                                                                                                                                | Resolution (MegaPixels):    |
| 1,920 x 1,080                                                                                                                                                                                                       | Pixels (H x V):             |
| 2.2 x 2.2                                                                                                                                                                                                           | Pixel Size, H x V (µm):     |
| 4.22 x 2.38                                                                                                                                                                                                         | Sensing Area, H x V (mm):   |
| 25.00                                                                                                                                                                                                               | Frame Rate (fps):           |
| 12 bit                                                                                                                                                                                                              | Pixel Depth:                |
| Freely Programmable                                                                                                                                                                                                 | Exposure Time:              |
| Not Specified                                                                                                                                                                                                       | Dynamic Range (dB):         |
| GigE Vision                                                                                                                                                                                                         | Machine Vision Standard:    |
| Electrical                                                                                                                                                                                                          |                             |
| 2.2 (12VDC External Power Supply)<br>2.7 (PoE)                                                                                                                                                                      | Power Consumption (W):      |
| Hardware & Interface Connectivity                                                                                                                                                                                   |                             |
| GigE (PoE)                                                                                                                                                                                                          | Video Output:               |
| GigE, RJ45 with Screw Locks                                                                                                                                                                                         | Connector:                  |
| Power Supply Required and Sold Separately.<br>USA: <a href="#">#68-466</a><br>Europe: <a href="#">#68-466</a><br>Japan: <a href="#">#68-466</a><br>Korea: <a href="#">#68-466</a><br>China: <a href="#">#68-466</a> | Power Supply:               |
| 1 opto-coupled input line, 1 opto-coupled output line, 1 general purpose I/O (GPIO) line                                                                                                                            | GPIOs:                      |
| Hardware Trigger (GPIO), Software Trigger, or Free-Run                                                                                                                                                              | Synchronization:            |
| Back Panel                                                                                                                                                                                                          | Interface Port Orientation: |
| 6-pin Hirose (HR10)                                                                                                                                                                                                 | GPIO Connector Type:        |
| Software Driver: Windows, Linux - 32 and 64 bit                                                                                                                                                                     | Operating System:           |
| Threading & Mounting                                                                                                                                                                                                |                             |

Mounting Threads:

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

Mount:

C-Mbunt

Environmental & Durability Factors

|            |                             |
|------------|-----------------------------|
| 0 to +50   | Operating Temperature (°C): |
| -20 to +80 | Storage Temperature (°C):   |

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | Reach 235:                  |

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 x29mm), 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

