

## Product:



## Description:

### A2A1920-51GCBAS

The a2A1920-51gcBAS GigE POE camera with the Sony IMX392 CMOS sensor delivers 51 frames per second at 2.3 MP Resolution.

- Resolution (HxV): 1920 px x 1200 px (2.3MP)
- Mono/Color: Color
- Frame Rate: 51 fps
- Sensor Type: CMOS
- Sensor Size: 6.6 mm x 4.1 mm
- Pixel Size (H x V): 3.45  $\mu\text{m}$  x 3.45  $\mu\text{m}$

## Cabling Requirements

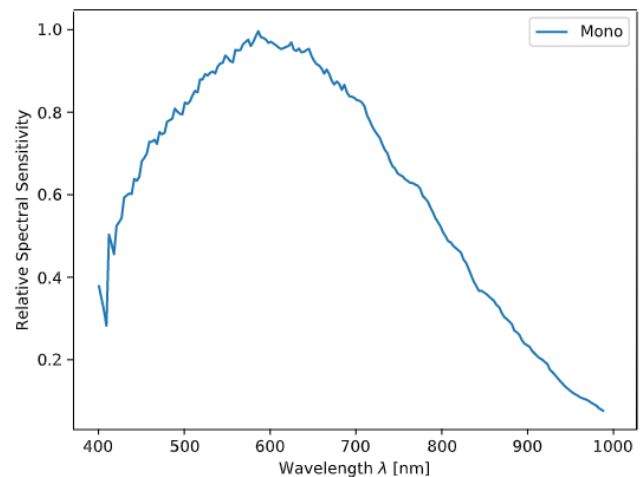
### Ethernet Cable

- Use a high-quality Ethernet cable. Use of shielded CAT 5E or better cables with S/STP shielding is recommended.
- Use either a straight-through (patch) or a cross-over Ethernet cable.
- As a general rule, applications with longer cables or applications in harsh EMI conditions require higher category cables.
- Proximity to strong magnetic fields should be avoided.

### I/O Cable

- The I/O cable must be shielded.
- The I/O cable must have a cross-section of at least 0.25 mm<sup>2</sup> (close to AWG24).
- Maximum recommended cable length: 10 m
- Camera-side connector: M8 6-pin male, coding A-standard, according to IEC 61076-2-104
- Close proximity to strong magnetic fields should be avoided.
- If you are supplying power to the camera via Power over Ethernet, the I/O cable will not be used to supply power. However, you can still use the cable to connect to the I/O lines.

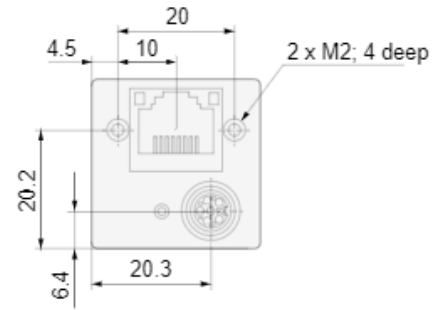
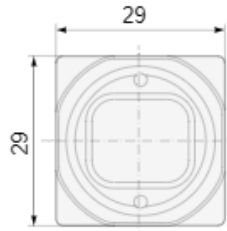
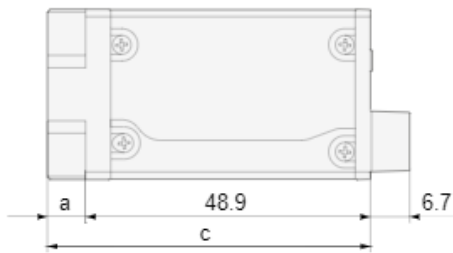
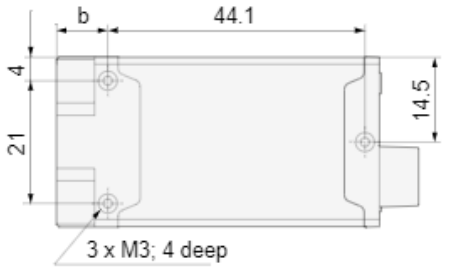
## Spectral Response:



## Electrical Requirements

- Power supply via Power over Ethernet (PoE): Power must comply with the IEEE 802.3af specification.
- Power supply via I/O connector: The operating voltage is 12–24 VDC. As a minimum, 10.8 VDC must be supplied. To avoid damaging the camera, a maximum of 30 VDC must not be exceeded.

# Camera Dimensions and Mounting Points



	Front I	Front II	Front III
a	6.1	6.6	7.1
b	8.3	8.8	9.3
c	55	55.5	56

Not to scale  
Dimensions in mm

**Product:****Description:****A2A1920-51GMBAS**

The Basler a2A1920-51gcBAS GigE camera with the Sony IMX392 CMOS sensor delivers 51 frames per second at 2.3 MP Resolution.

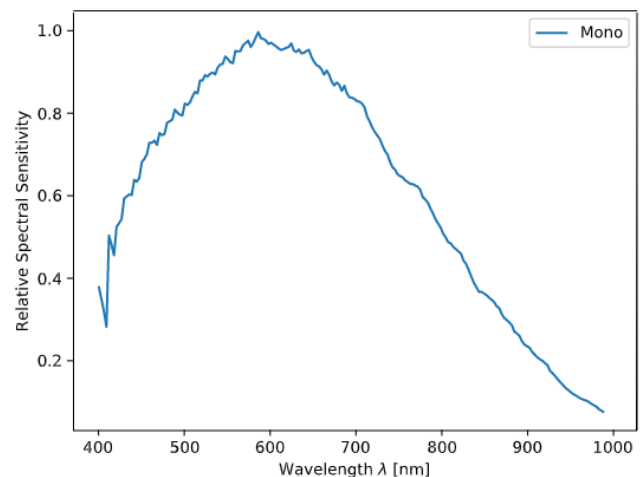
- Resolution: 1920 px x 1200 px (2.3MP)
- Mono/Color: Mono
- Frame Rate: 51 fps
- Sensor Type: CMOS
- Sensor Size: 6.6 mm x 4.1 mm
- Pixel Size (H x V): 3.45  $\mu\text{m}$  x 3.45  $\mu\text{m}$

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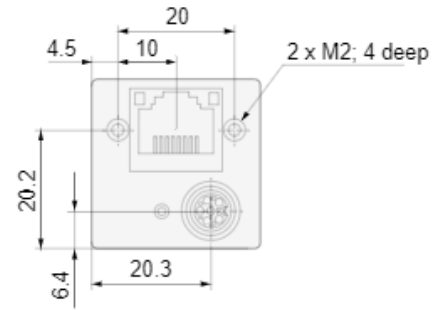
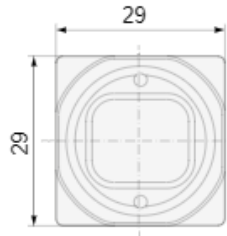
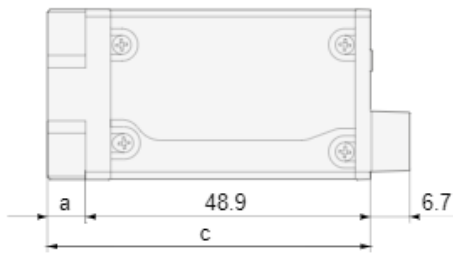
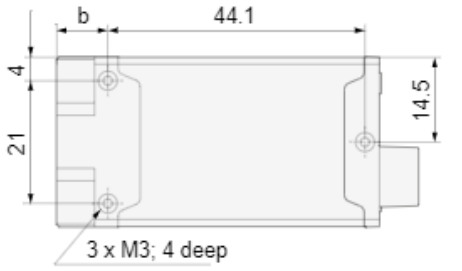
**I/O Cable**

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# Camera Dimensions and Mounting Points



	Front I	Front II	Front III
a	6.1	6.6	7.1
b	8.3	8.8	9.3
c	55	55.5	56

Not to scale  
Dimensions in mm

## Product:



## Description:

# A2A2590-22GCBAS

The a2A2590-22gcBAS GigE POE camera with the Sony IMX334ROI CMOS sensor delivers 22 frames per second at 5 MP Resolution.

- Resolution (HxV): 2592 px x 1944 px (5MP)
- Mono/Color: Color
- Frame Rate: 22 fps
- Sensor Type: CMOS
- Sensor Size: 5.2 mm x 3.9 mm
- Pixel Size (H x V): 2  $\mu$ m x 2  $\mu$ m

## Cabling Requirements

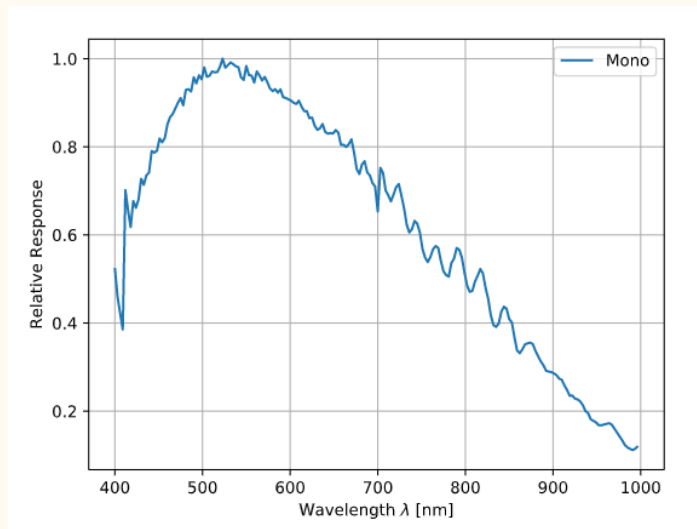
### Ethernet Cable

- Use a high-quality Ethernet cable. Use of shielded CAT 5E or better cables with S/STP shielding is recommended.
- Use either a straight-through (patch) or a cross-over Ethernet cable.
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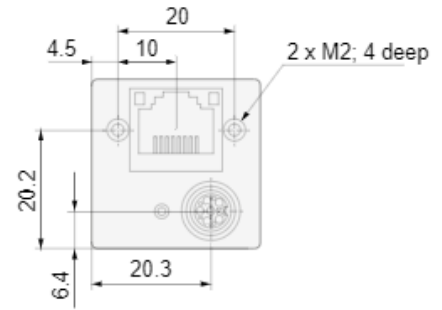
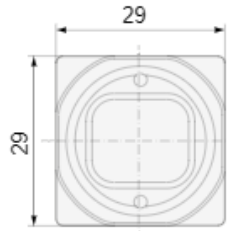
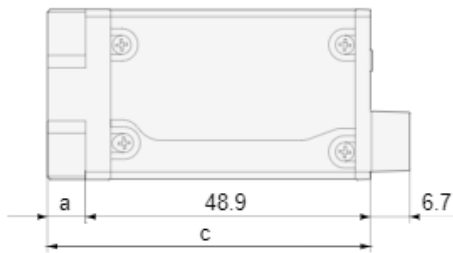
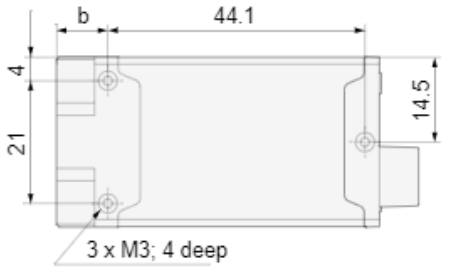
## Spectral Response:



## Electrical Requirements

- Power supply via Power over Ethernet (PoE): Power must comply with the IEEE 802.3af specification.
- Power supply via I/O connector: The operating voltage is 12–24 VDC. As a minimum, 10.8 VDC must be supplied. To avoid damaging the camera, a maximum of 30 VDC must not be exceeded.

# Camera Dimensions and Mounting Points



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b	8.3	8.8	9.3
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Not to scale  
Dimensions in mm

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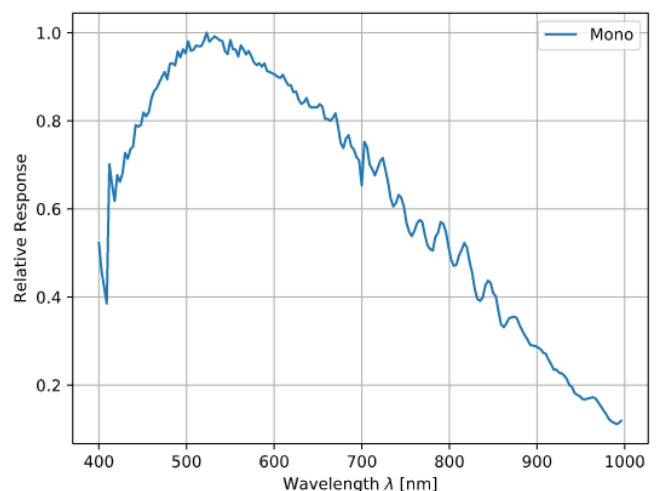
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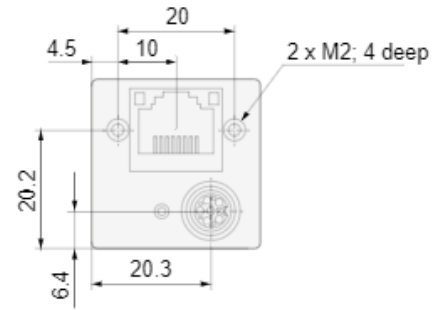
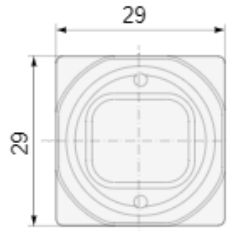
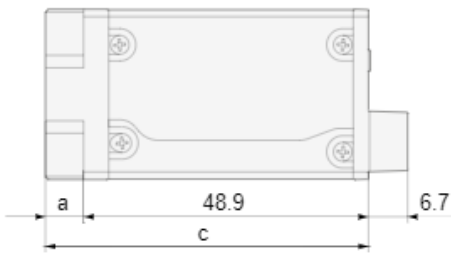
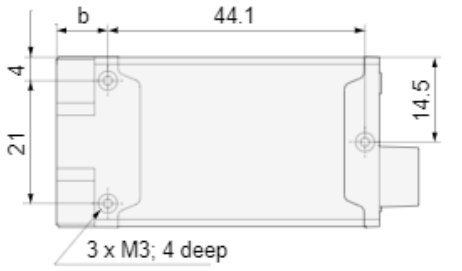
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Not to scale  
Dimensions in mm



## Product:



## Description:

### A2A3840-13GCBAS

The a2A3840-13gcBAS GigE POE camera with the Sony IMX334 CMOS sensor delivers 13 frames per second at 8.3 MP Resolution.

- Resolution (HxV): 3840 px x 2160 px (8.3MP)
- Mono/Color: Color
- Frame Rate: 13 fps
- Sensor Type: CMOS
- Sensor Size: 7.7 mm x 4.3 mm
- Pixel Size (H x V): 2  $\mu$ m x 2  $\mu$ m

## Cabling Requirements

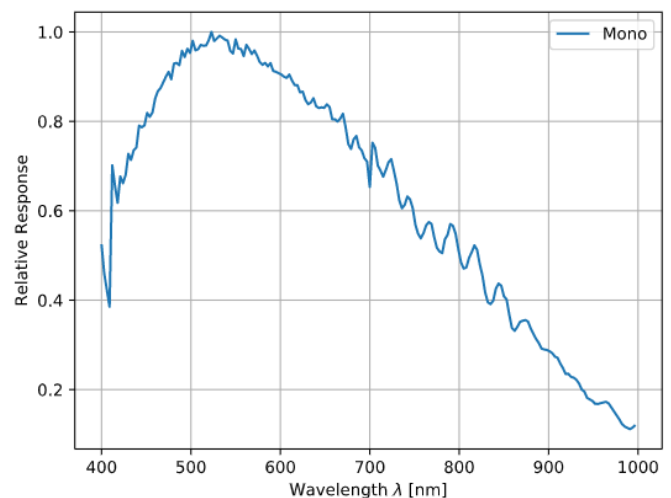
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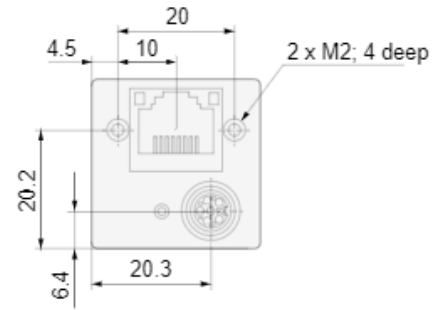
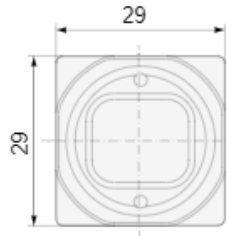
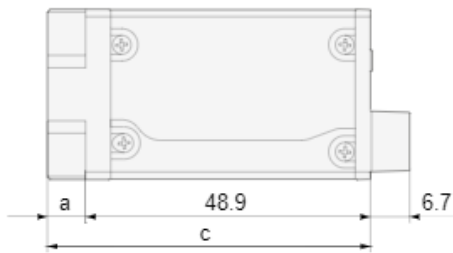
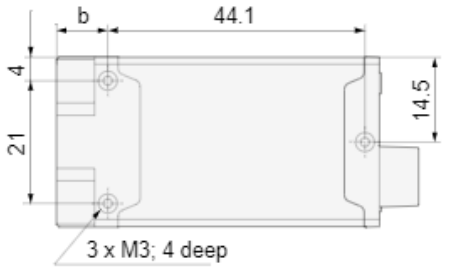
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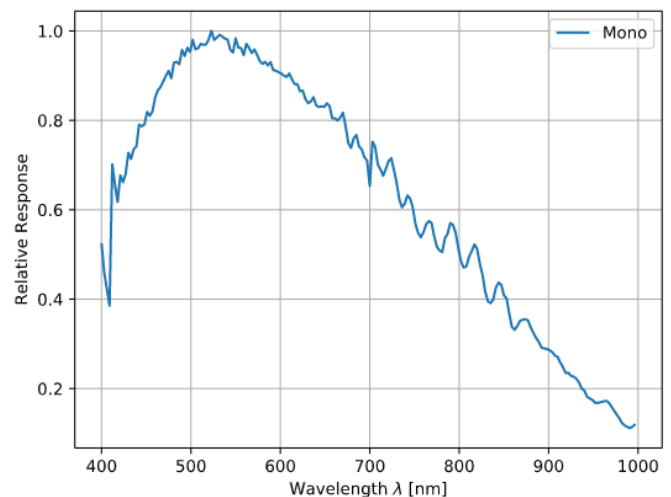
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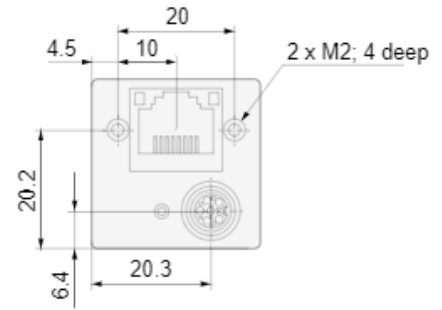
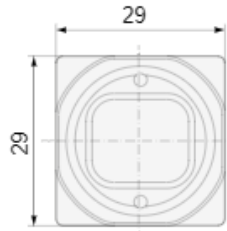
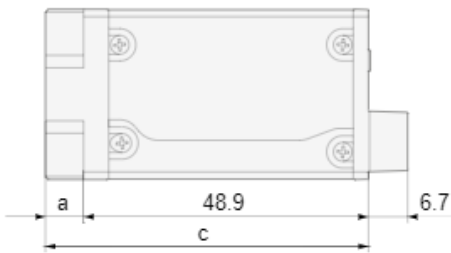
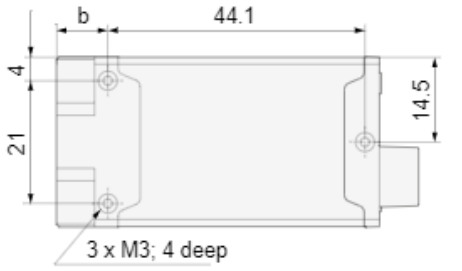
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