



General Information

Part Number:

A2A1920-51GCBAS

Order Number

107823

Product Family

ace 2 R

Product Line

ace 2 R Basic

Camera Category

Area Scan Camera

Sensor

Sensor Vendor

Sony

Sensor

IMX392

Shutter

Global Shutter

Sensor Format

1/2.3"

Sensor Diagonal

7.77 mm

Sensor Type

CMOS

Sensor Size

6.6 mm × 4.1 mm

Resolution (H x V)

1920 px x 1200 px

Resolution

2.3 MP

Pixel Size (H x V)

3.45 µm x 3.45 µm

Frame rate

51 fps

Mono/Color

Colour

Spectrum

Visible

**EMVA Data**

Quantum Efficiency (typical/minimal)	62.2 % (typical)
Dark Noise (typical/maximal)	2.6 e ⁻ (typical)
Saturation Capacity (typical/minimal)	10.5 ke ⁻ (typical)
Dynamic Range (typical/minimal)	71.7 dB (typical)
Signal-to-Noise Ratio (typical/minimal)	40.2 dB (typical)

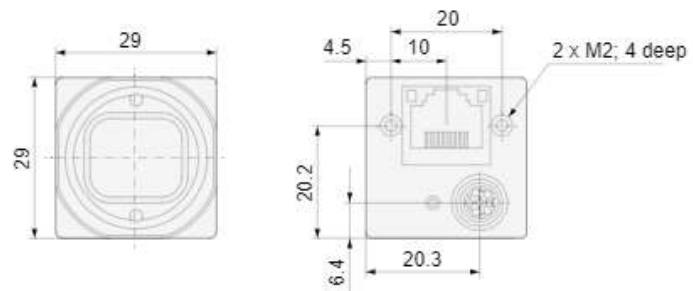
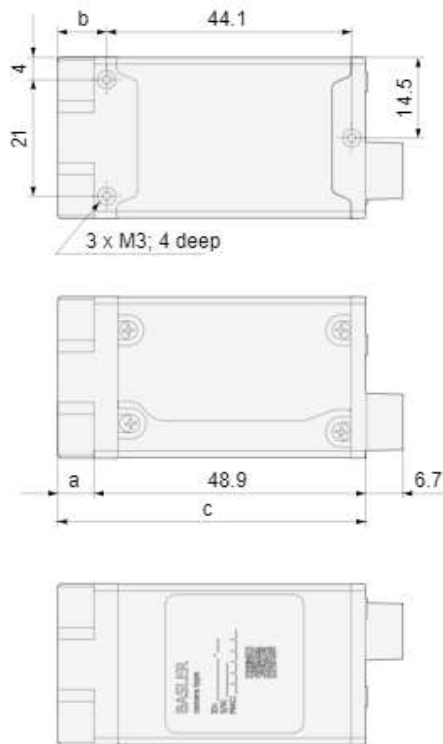
Camera Data

Interface	GigE
Image Data Interface	Fast Ethernet (100 Mbit/s), Gigabit Ethernet (1000 Mbit/s)
	8 bits
Pixel Bit Depth	10 bits
	12 bits
Exposure Control	hardware trigger
	programmable via the camera API
Digital Input	1
Power Supply	PoE or 12-24 VDC
Power Requirements (typical)	3 W

Housing

Housing Type	Box
Housing Size (L x W x H)	55.5 mm x 29 mm x 29 mm
Weight	100 g
Lens Mount	C-mount
Operating Temperature	-10 °C - 60 °C

Technical Drawing



	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