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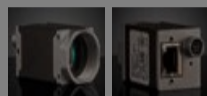
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# Basler ace2 a2A

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Basler ace2 GigE Cameras (Front)



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€650<sup>,00</sup>

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### Volume Pricing

Qty	€650,00
1+	each
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Prices shown are exclusive of VAT/local taxes

### Product Downloads

Software

**Spectrum:** Color

## General

**Type:** Color Camera

**Model Number:** a2A2600-20gcBAS

**Manufacturer:** Basler

**Camera Series:** Ace2

## Physical & Mechanical Properties

**Dimensions (mm):** 55.5 x 29 x 29 mm (without lens mount or connectors)

**Weight (g):** 100

**Housing:** Full

## Sensor

**Sensor Format:** 1/2"

**Resolution (Megapixels):** 5.60

**Frame Rate (fps):** 20.00

**Pixels (H x V):** 2,600 x 2,160

**Pixel Size, H x V (µm):** 2.5 x 2.5

**Sensing Area, H x V (mm):** 6.52 x 5.42

**Imaging Sensor:** GMAX2505

**Type of Sensor:** Progressive Scan CMOS

**Shutter Type:** Global

**Pixel Depth:** 8/10/12 Bit

**Exposure Time:** hardware trigger & freely programmable

**Machine Vision Standard:** GigE Vision 2.0, GenICam

## Electrical

**Power Consumption (W):** 4.4 W

## Hardware & Interface Connectivity

**Interface:** GigE

**Connector:** GigE, RJ45 with Screw Locks

<b>Power Supply:</b>	PoE or 12-24 VDC	<b>GPIOs:</b>	1 opto-coupled input line, 2 general purpose I/O (GPIO) lines
<b>Synchronization:</b>	Hardware Trigger (GPIO), Software Trigger, or Free Run	<p>Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.</p> <p><b>Select Your Country/Region:</b></p>	
<b>GPIO Connector Type:</b>	M8 6-pin		
Threading & Mounting			
<b>Mount:</b>	C-Mount	<b>Mounting Threads:</b>	¼-20 with Tripod Mount Adapter #16-641
Environmental & Durability Factors			
<b>Operating Temperature (°C):</b>	-10 °C - 60 °C		
Regulatory Compliance			
<b>Certificate of Conformance:</b>	<a href="#">View</a>		

## Product Details

- SONY Pregius S Sensors Available with up to 24MP
- Proven Compact Housing (29 x 29mm)
- Powerful Computer Vision Feature Set with Optional Beyond Features
- [Basler ace GigE Cameras](#) Also Available

Basler ace2 GigE/5GigE Cameras are available in two versions that provide optimized hardware design, proven compact and robust housing, and state of the art CMOS sensor technology with excellent image quality from Sony's 2nd-Gen Pregius, 3rd-Gen STARVIS, or the latest 4th-Gen Pregius S sensors. These second-generation Ace cameras include all of the components of the first-generation Ace cameras along with integrated features such as a status LED, removable IR cut filter, and robust M8 connector. The Basler ace2 GigE/5GigE Camera Basic version offers excellent price to performance ratio with powerful Computer Vision feature set, while the Pro version unlocks unique advanced Beyond features such as Pixel Beyond and Compression Beyond for maximum performance to meet with demanding application requirements. These cameras include the industry proven Basler Pylon SDK Software and Driver and conform to GenICam (GigE Vision 2.0) standards, making them a fast and cost-effective solution to software integration. Basler ace2 Cameras are available in both GigE, 5GigE and USB3.0 interfaces and are ideal for a wide range of applications such as factory automation and industrial robotics.

## Technical Information

*IMX676 Sensor QE Curve*

*IMX900 Sensor QE Curve*

*GMAX2505 Sensor QE Curve*

*IMX546 Sensor QE Curve*

*IMX545 Sensor QE Curve*

*GMAX2509 Sensor QE Curve*

*GMAX2518 Sensor QE Curve*

*IMX547 Sensor QE Curve*

*E2525A Sensor QE Curve*

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	US Plug Power Supply Cable - 1.8m		#15-280	€12,00	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	EU Plug Power Supply Cable - 1.8m		#15-281	€12,00	3 In Stock 1
<a href="#">MORE+</a>	Basler ace2 GPIO cable, M8 6pin to Open, 5m		#16-640	Request Quote	2 In Stock 1
<a href="#">MORE+</a>	Basler ace2 GPIO cable, M8 6pin to Open, 10m		#16-642	€61,00 Request Quote	4 In Stock 1
<a href="#">MORE+</a>	Basler ace2 ¼-20 Tripod Mount Adapter		#16-641	€22,00 Request Quote	20+ In Stock 1
<a href="#">MORE+</a>	Cable GigE Cat 6 SFTP 5m		#68-470	€10,00 Request Quote	5 In Stock 1
<a href="#">MORE+</a>	Cable GigE Cat 6 SFTP 10m		#68-471	€17,00 Request Quote	4 In Stock 1
<a href="#">MORE+</a>	Cable GigE Cat 6 SFTP 20m		#68-472	€29,00 Request Quote	1 In Stock 1
<a href="#">MORE+</a>	Cable GigE Cat 6 SFTP 30m		#68-473	€39,00 Request Quote	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	Power Over Ethernet (PoE) Single Port injector		#68-469	€66,00 Request Quote	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	GPIO & Power Cable for Basler ace cameras, open end, 5m		#75-223	€49,00 Request Quote	3 In Stock 1
<a href="#">MORE+</a>	Basler AC Power Cord USA, 1.8m		#90-033 <b>NEW</b>	€8,00 Request Quote	<a href="#">CONTACT US</a> 1

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## Related Products



Basler ace GigE Cameras



Basler ace USB 3.0 Cameras



Basler ace2 USB 3.0 Cameras



Basler PowerPack Microscopy Cameras

## Imaging Lens Selector

Imaging

- Factory Automation
- Telecentric
- M12

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- Custom Sensor
- Camera Model

Camera Model:

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Number of Horizontal Pixels:

1 2600

Number of Vertical Pixels:

2 2160

Pixel Size (µm):

3 2.5

Working Distance (mm):

4

Horizontal Field of View (mm):

5



**Disclaimer:** Values represent theoretical values from lens design software. Actual lens performance varies due to manufacturing tolerances.

## Frequently Purchased Together



#33-304 - 16mm UC Series Fixed Focal Length Lens  
€260,00

Qty



## Resources

Media Type

APPLICATION NOTE

Sensor Performance and Limitations

APPLICATION NOTE

Imaging Electronics 101: Basics of Digital

APPLICATION NOTE

Imaging Electronics 101: Camera Resolution fo...

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Technical Tool

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How Do  
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