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Basler ace2 a2A4508-6gmBAS Monochrome GigE Basic Camera

See More by **Basler**

Basler ace2 GigE Cameras (Front)

Stock **#74-972** NEW   CONTACT US

−   1   +   £1,056.⁰⁰

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Volume Pricing	
Qty 1+	£1,056.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

	Spectrum:
Monochrome	

General

	Type:
Monochrome Camera	
	Model Number:
a2A4508-6gmBAS	

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"	
Resolution (Megapixels):	
18.40	
Frame Rate (fps):	
6.00	
Pixels (H x V):	
4,508 x 4,096	
Pixel Size, H x V (µm):	
2.5 x 2.5	
Sensing Area, H x V (mm):	
11.27 x 10.24	
Imaging Sensor:	
GMAX2518	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
8/10/12 Bit	
Exposure Time:	
hardware trigger & freely programmable	
Dynamic Range (dB):	
65.5 dB	
Machine Vision Standard:	
GigE Vision 2.0, GenICam	

Electrical

Power Consumption (W):	
3.8	

Hardware & Interface Connectivity

Interface:	
GigE	
Connector:	
GigE, RJ45 with Screw Locks	
Power Supply:	
PoE or 12-24 VDC	
GPIOs:	
1 opto-coupled input line, 2 general purpose I/O (GPIO) lines	
Synchronization:	
Hardware Trigger (GPIO), Software Trigger, or Free Run	
Interface Port Orientation:	
Back Panel	
GPIO Connector Type:	
M8 6-pin	

Threading & Mounting

Mount:	
C-Mount	
Mounting Threads:	
¼-20 with Tripod Mount Adapter #16-641	

Environmental & Durability Factors

Operating Temperature (°C):	
-10 °C - 60 °C	

Regulatory Compliance
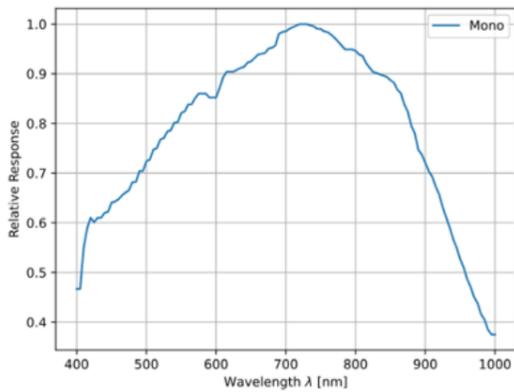
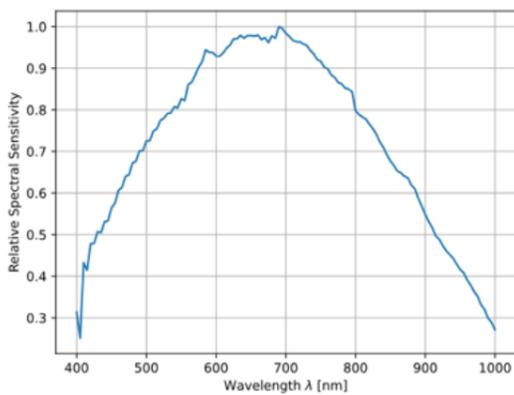|	
Certificate of Conformance:	

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.
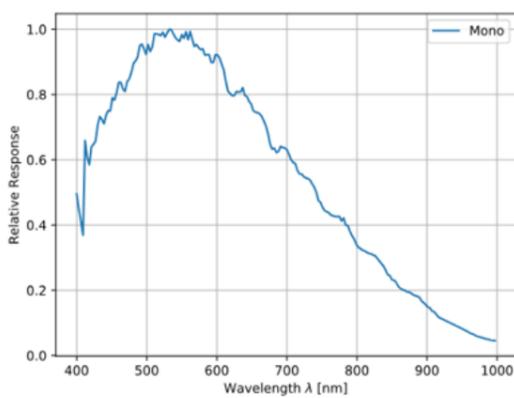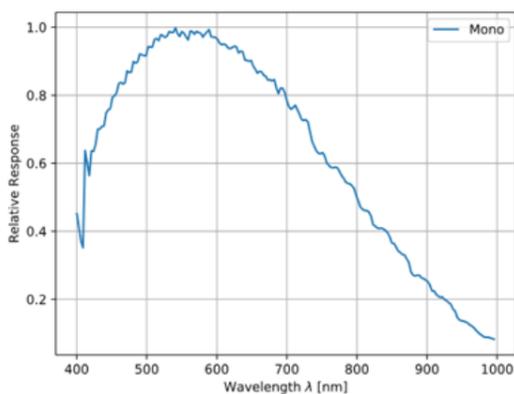
Technical Information
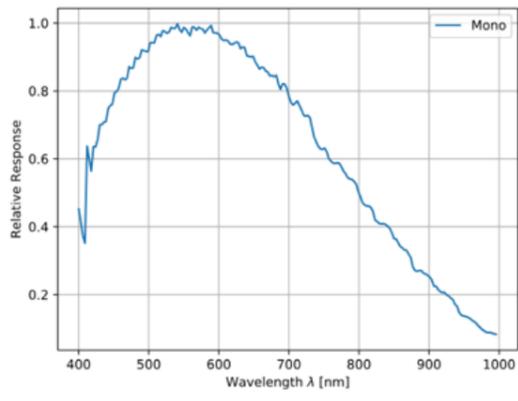

IMX676 Sensor QE Curve
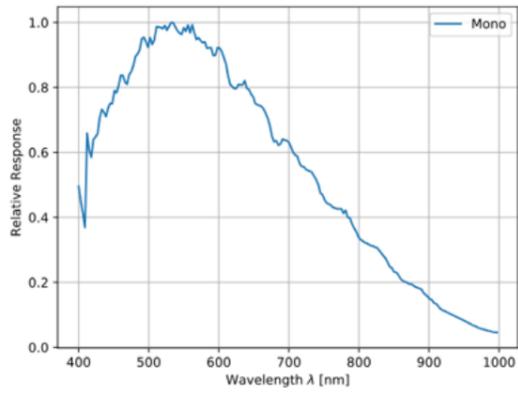

IMX900 Sensor QE Curve

GMAX2505 Sensor QE Curve

IMX546 Sensor QE Curve

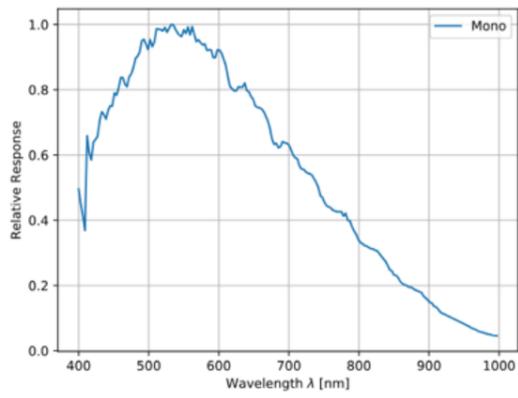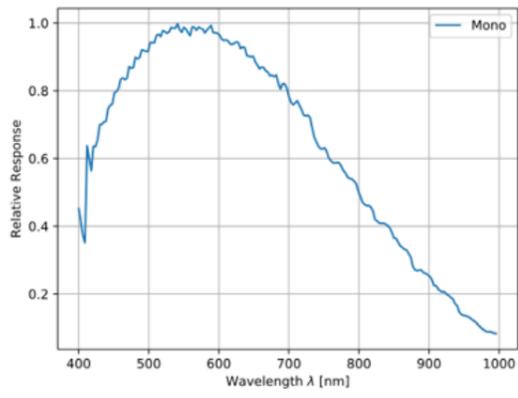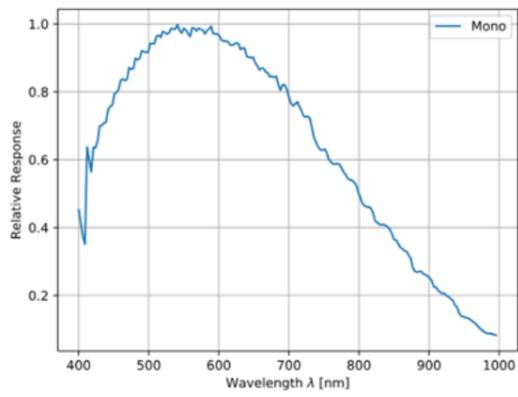*IMX545 Sensor QE Curve*

GMAX2509 Sensor QE Curve

GMAX2518 Sensor QE Curve

IMX547 Sensor QE Curve

E2525A Sensor QE Curve