

Basler ace2 a2A5060-21g5cBAS Color 5GigE Basic Camera

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Basler ace2 GigE Cameras (Front)



Stock **#74-987** NEW CONTACT US

-

1

+

€1.870⁰⁰

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Product Downloads

SPECIFICATIONS

Color

Spectrum:

General

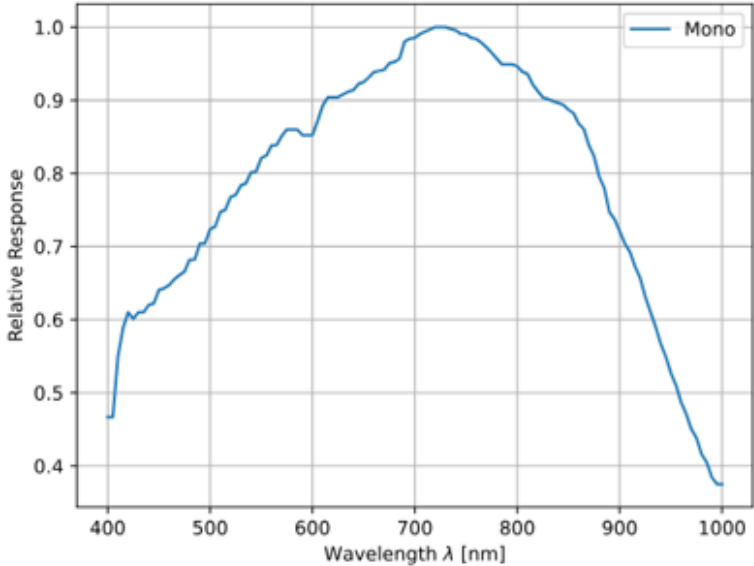
Color Camera		Type:
a2A5060-21g5cBAS		Model Number:
Basler		Manufacturer:
Ace2		Camera Series:
Physical & Mechanical Properties		
55.5 x 29 x 29 mm (without lens mount or connectors)		Dimensions (mm):
100		Weight (g):
Full		Housing:
Sensor		
1.1"		Sensor Format:
25.00		Resolution (Megapixels):
21.00		Frame Rate (fps):
5,060 x 5,060		Pixels (H x V):
2.5 x 2.5		Pixel Size, H x V (µm):
12.65 x 12.65		Sensing Area, H x V (mm):
E2525A		Imaging Sensor:
Progressive Scan CMOS		Type of Sensor:
Global		Shutter Type:
8/10/12 Bit		Pixel Depth:
hardware trigger & freely programmable		Exposure Time:
GigE Vision 2.0, GenICam		Machine Vision Standard:
Electrical		
5.8		Power Consumption (W):
Hardware & Interface Connectivity		
GigE		Interface:
GigE, RJ45 with Screw Locks		Connector:
PoE or 12-24 VDC		Power Supply:
1 opto-coupled input line, 2 general purpose I/O (GPIO) lines		GPIOs:
Hardware Trigger (GPIO), Software Trigger, or Free Run		Synchronization:
Back Panel		Interface Port Orientation:
MB 6-pin		GPIO Connector Type:
Threading & Mounting		
C-Mount		Mount:
1/4-20 with Tripod Mount Adapter #16-641		Mounting Threads:
Environmental & Durability Factors		
-10 °C - 50 °C		Operating Temperature (°C):

PRODUCT DETAILS

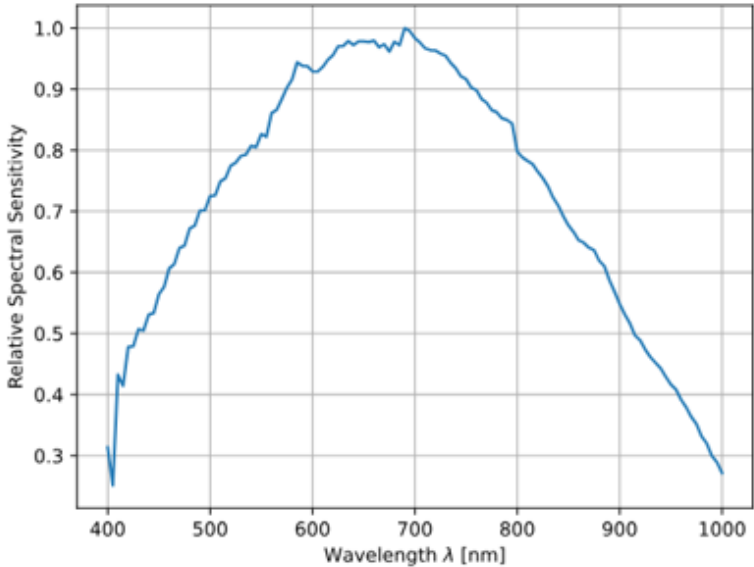
- SONY Pregius S Sensors Available with up to 24MP
- Proven Compact Housing (29 x 29mm)
- Powerful Computer Vision Feature Set with Optional Beyond Features
- [Basler ace GigE Cameras](#) Also Available

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.

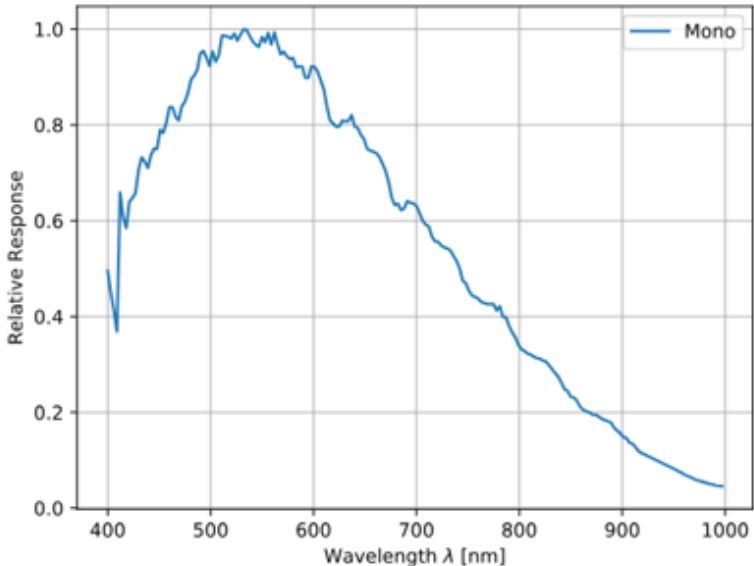
TECHNICAL INFORMATION



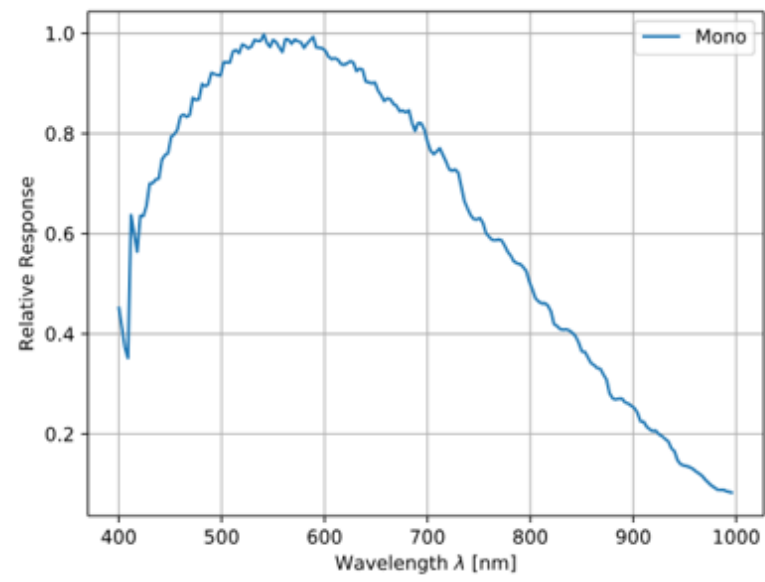
IMX676 Sensor QE Curve



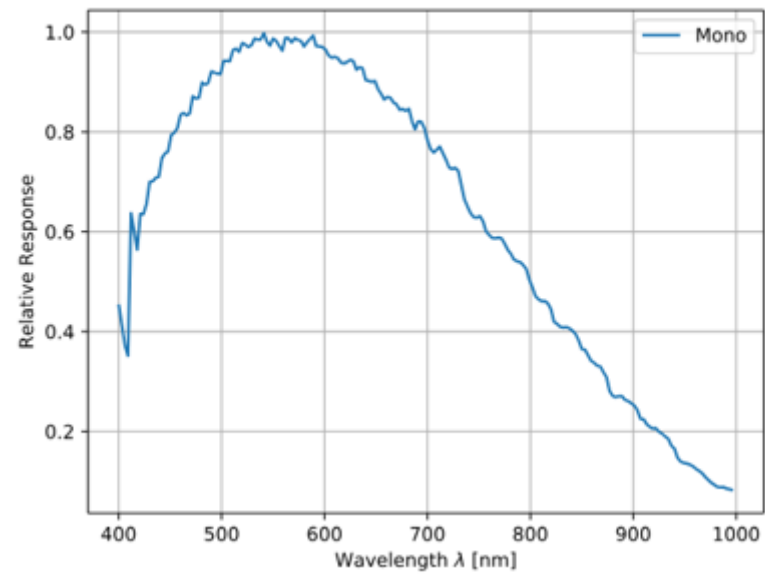
IMX900 Sensor QE Curve



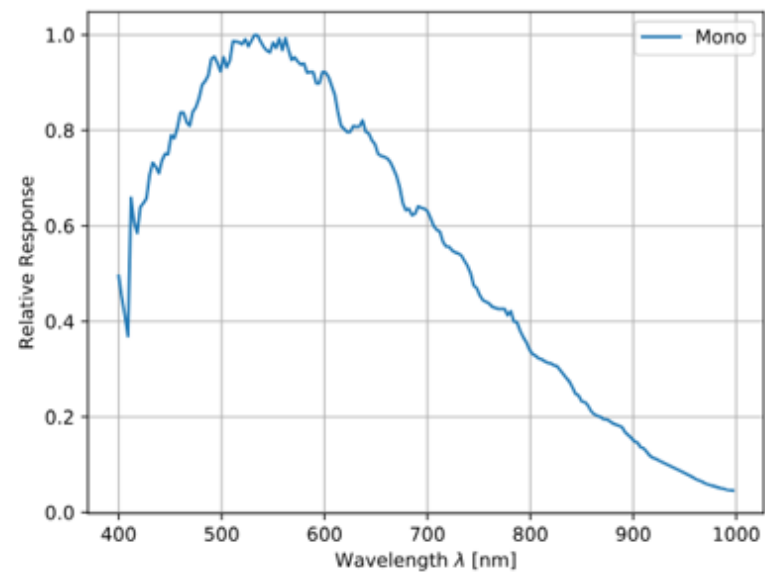
GMAX2505 Sensor QE Curve



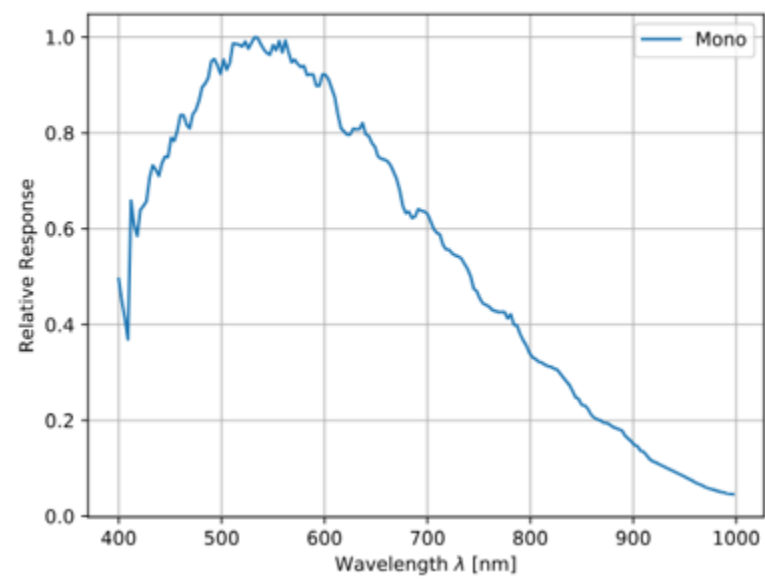
IMX546 Sensor QE Curve



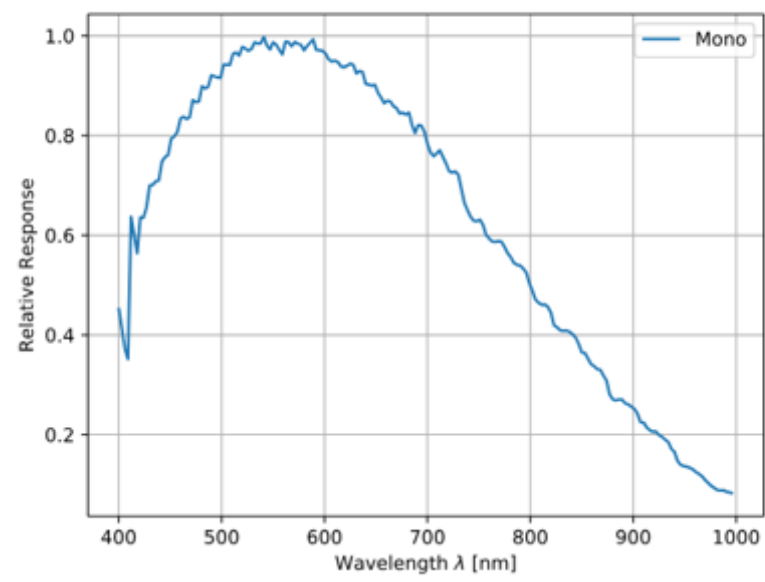
IMX545 Sensor QE Curve



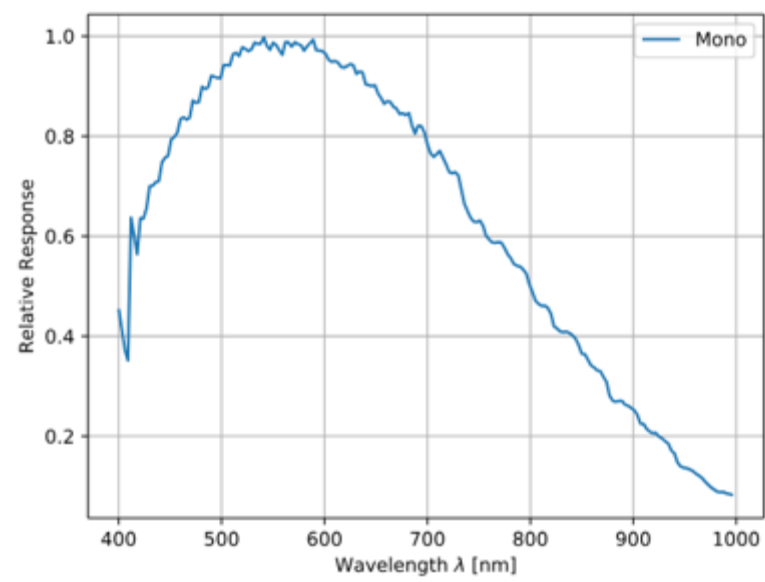
GMAX2509 Sensor QE Curve



GMAX2518 Sensor QE Curve



IMX547 Sensor QE Curve



E2525A Sensor QE Curve