

Basler ace2 a2A2840-67g5cBAS Color 5GigE Camera

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Basler ace2 GigE Cameras (Front)



Stock **#28-598** **1 In Stock**

-

1

+

€1.700⁰⁰

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Qty 1+	€1.700,00 each
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Product Downloads

SPECIFICATIONS

Color

Spectrum:

General

Color Camera		Type:
a2A2840-67g5cBAS		Model Number:
Basler		Manufacturer:
ace2		Camera Series:
Physical & Mechanical Properties		
55.5 x 29 x 29 (excludes connectors and lens mount)		Dimensions (mm):
100		Weight (g):
Full		Housing:
Sensor		
Not Specified		Image Buffer:
2/3"		Sensor Format:
8.00		Resolution (Megapixels):
67.00		Frame Rate (fps):
2,840 x 2,840		Pixels (H x V):
2.74 x 2.74		Pixel Size, H x V (µm):
7.8 x 7.8		Sensing Area, H x V (mm):
Sony IMX546		Imaging Sensor:
Progressive Scan CMOS		Type of Sensor:
Global		Shutter Type:
8/10/12 Bit		Pixel Depth:
Freely Programmable		Exposure Time:
Not Specified		Dynamic Range (dB):
GigE Vision V2, GenICam		Machine Vision Standard:
Electrical		
5.3		Power Consumption (W):
Hardware & Interface Connectivity		
5GigE		Interface:
5GigE, RJ45 with Screw Locks		Connector:
Power Supply Required and Sold Separately Powered via GPIO with #16-644		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:
6-pin M8		GPIO Connector Type:
Threading & Mounting		
C-Mbunt		Mount:
1/4-20 with Tripod Mount Adapter #16-641		Mounting Threads:

Environmental & Durability Factors

-10 to +50	Operating Temperature (°C):
-20 to +80	Storage Temperature (°C):

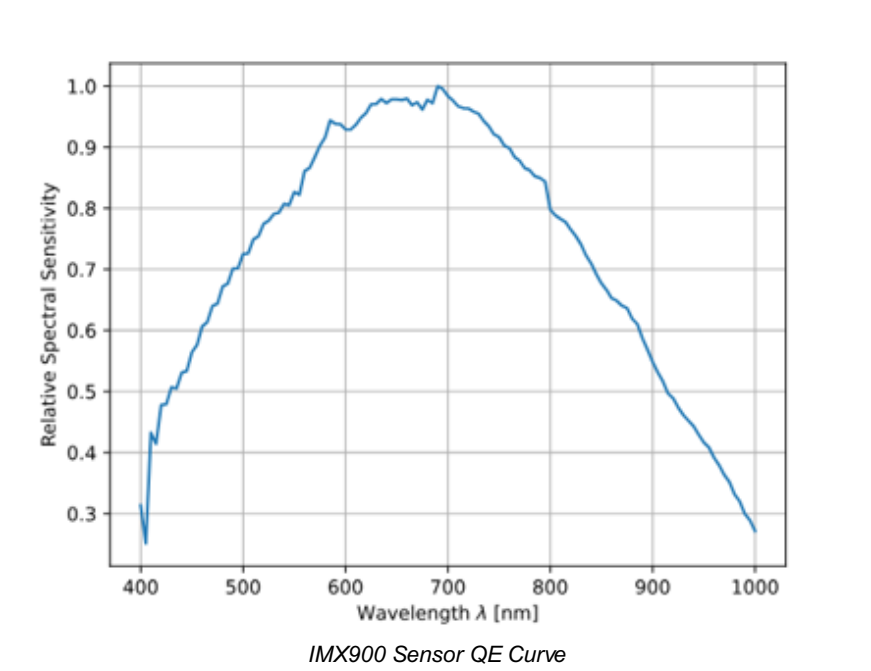
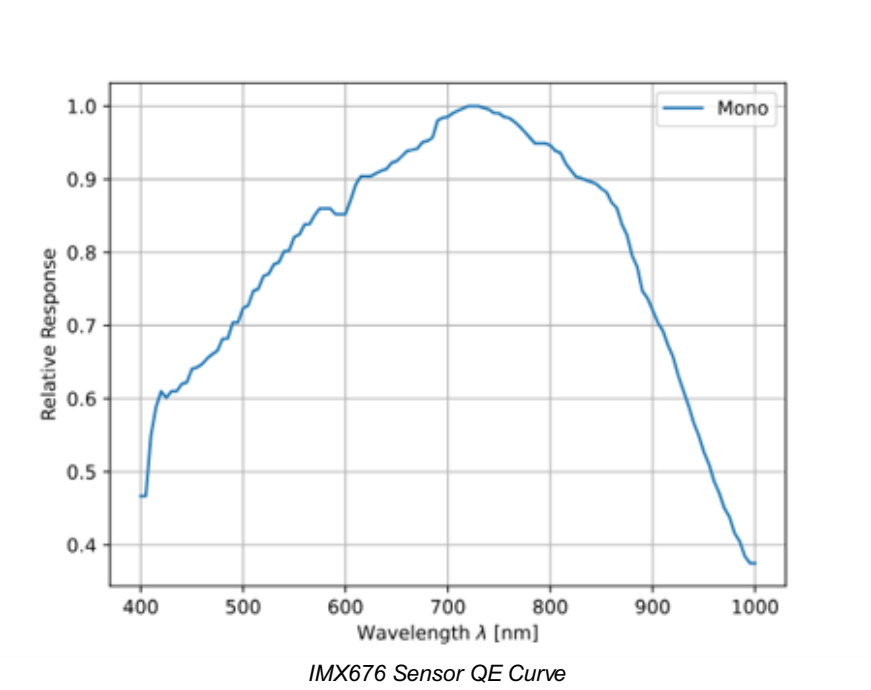
Regulatory Compliance

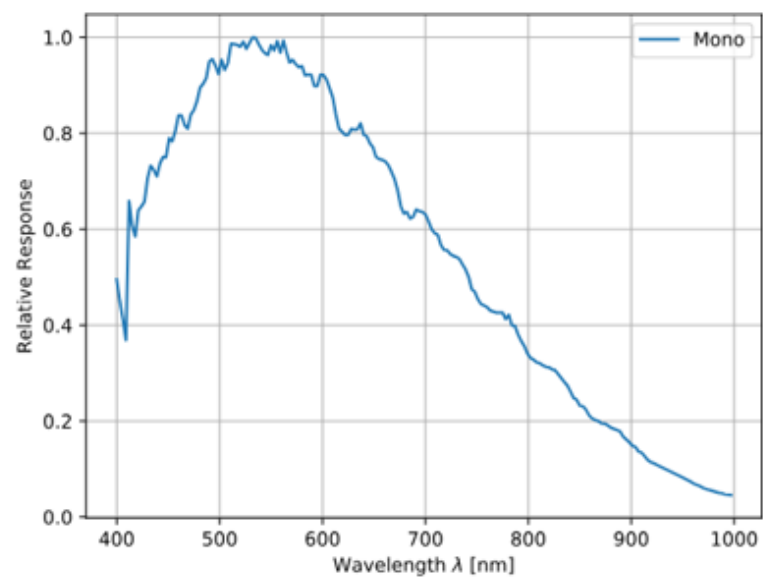
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

PRODUCT DETAILS

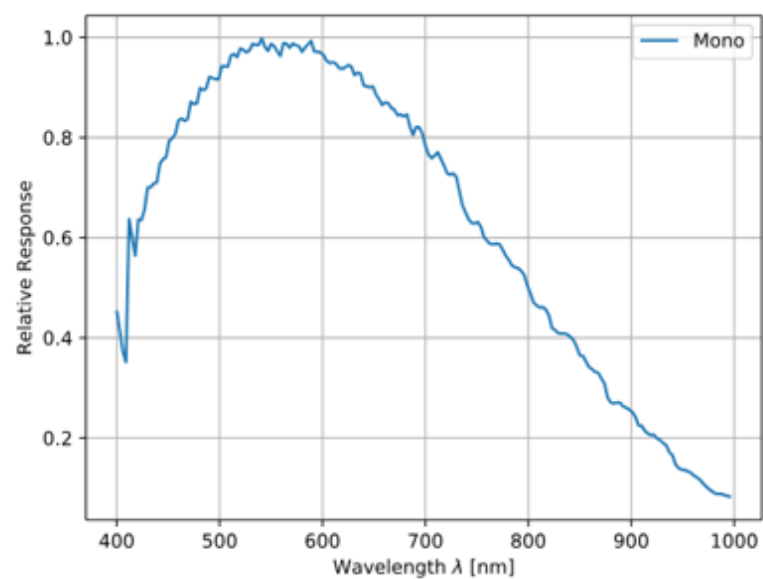
- SONY Pregius S Sensors Available with up to 24MP
 - Proven Compact Housing (29 x29mm)
 - Powerful Computer Vision Feature Set with Optional Beyond Features
 - [Basler ace GigE Cameras](#) Also Available
- Basler ace2 GigE/5GigE Cameras are available in two versions that provide optimized hardware design, 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

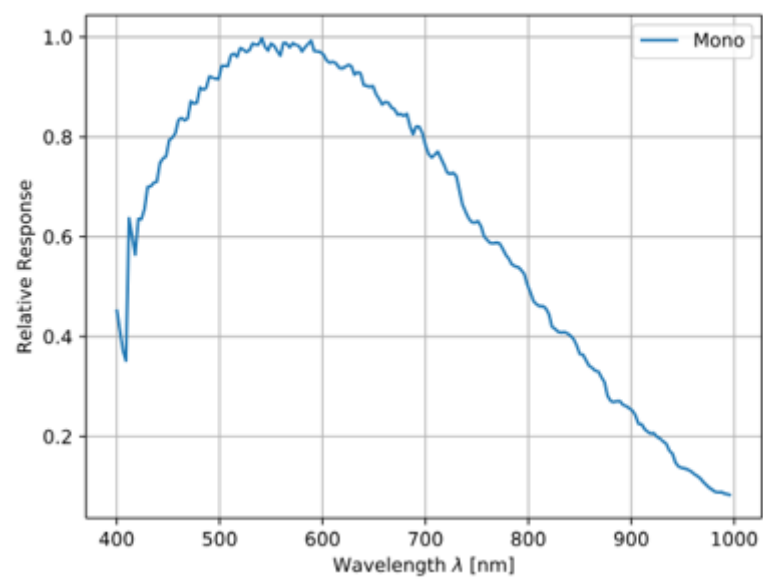




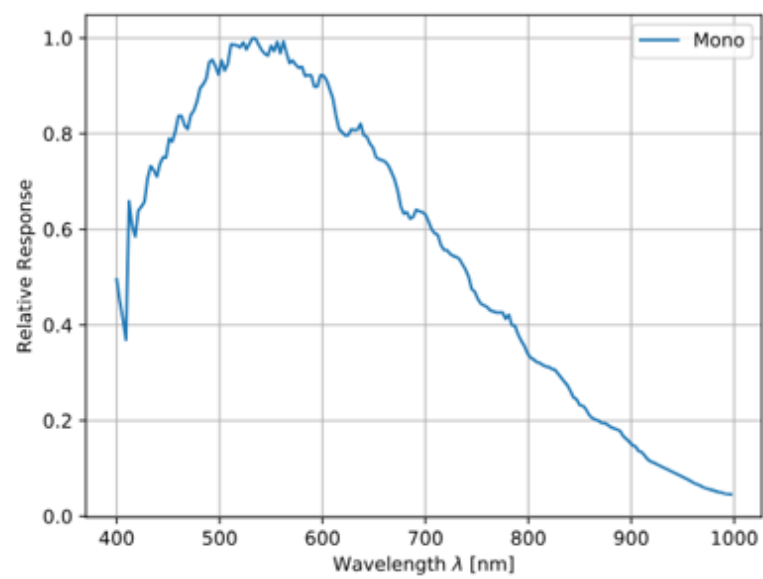
GMAX2505 Sensor QE Curve



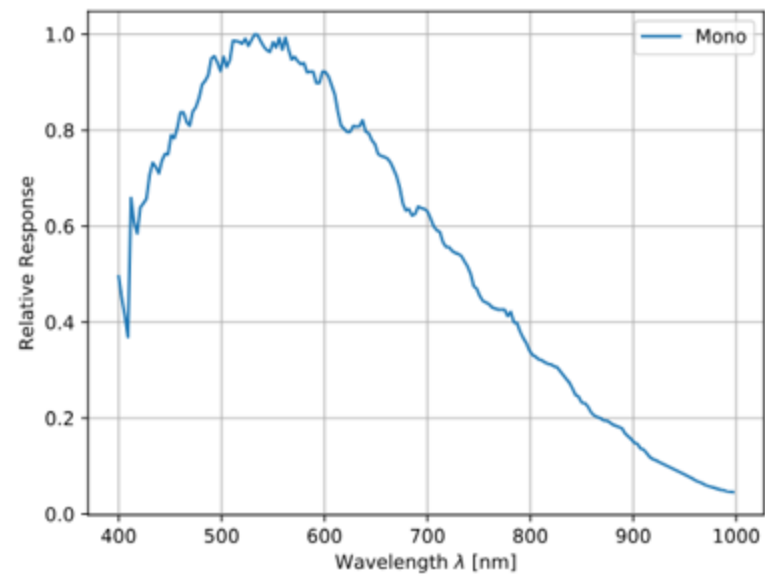
IMX546 Sensor QE Curve



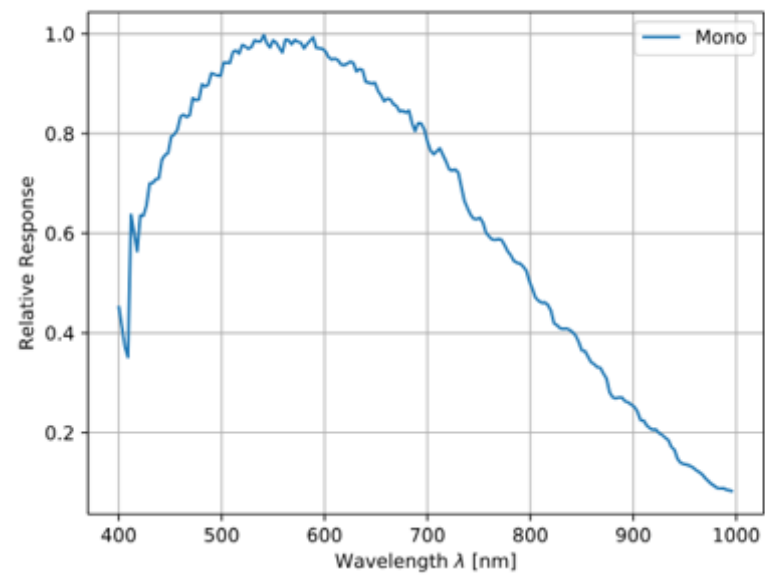
IMX545 Sensor QE Curve



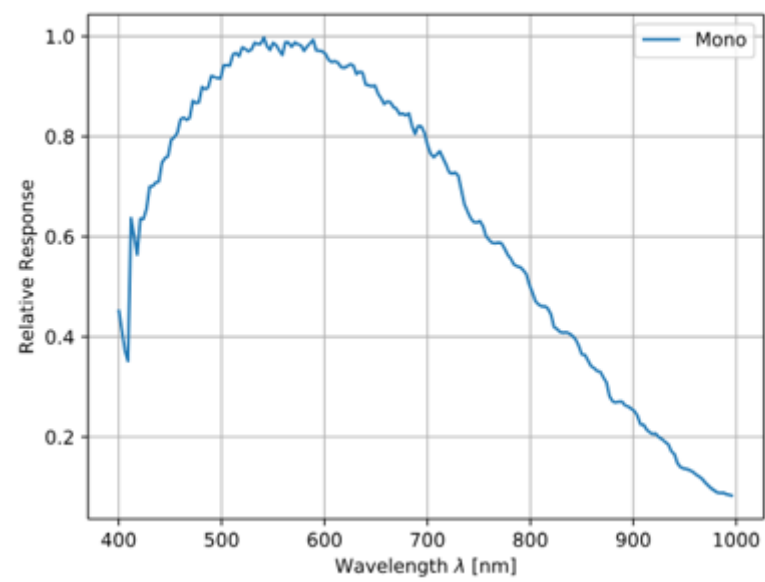
GMAX2509 Sensor QE Curve



GMAX2518 Sensor QE Curve



IMX547 Sensor QE Curve



E2525A Sensor QE Curve