Basler ace2 GigE/5GigE Cameras

- 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

Common Specifications

General

Manufacturer:	Basler	**Camera Family:**	ace2

Physical & Mechanical Properties

Dimensions (mm):	55.5 x 29 x 29 (excludes connectors and lens mount)	**Housing:**	Full

Sensor

Image Buffer:	Not Specified	**Type of Sensor:**	Progressive Scan CMOS
Pixel Depth:	8/10/12 bit	**Exposure Time:**	Freely Programmable

Hardware & Interface Connectivity

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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:**	6-pin M8

Threading & Mounting

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

Environmental & Durability Factors

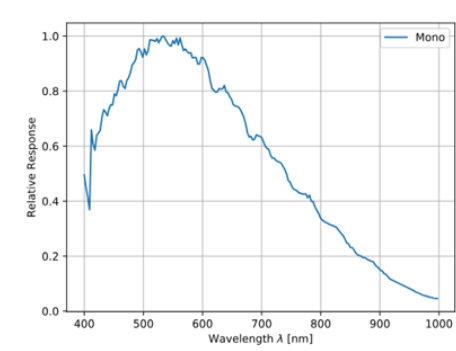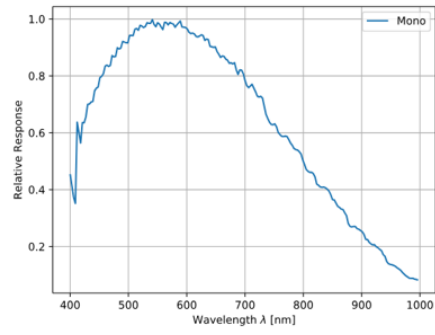|	
Storage Temperature (°C):	-20 to +80

Technical Information
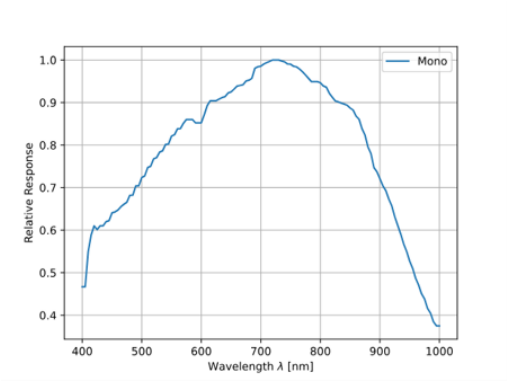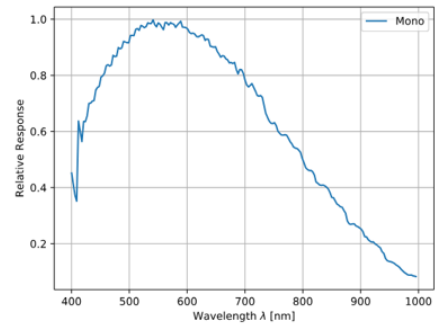

IMX676 Sensor QE Curve
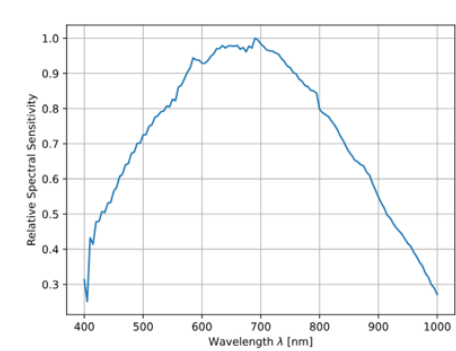
IMX900 Sensor QE Curve

GMAX2505 Sensor QE Curve

IMX546 Sensor QE Curve

IMX545 Sensor QE Curve
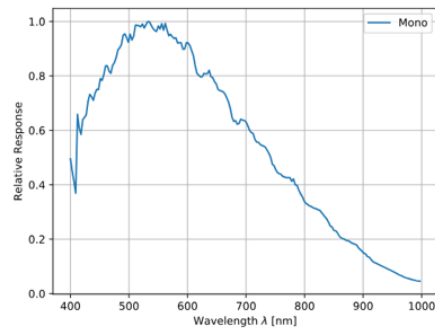
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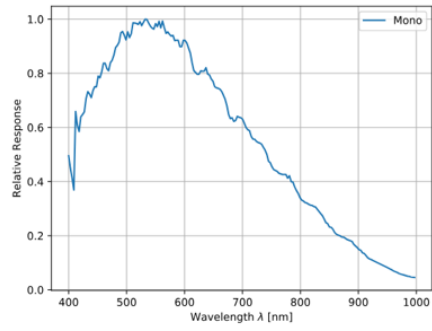
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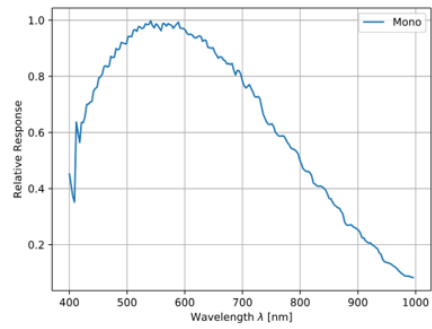
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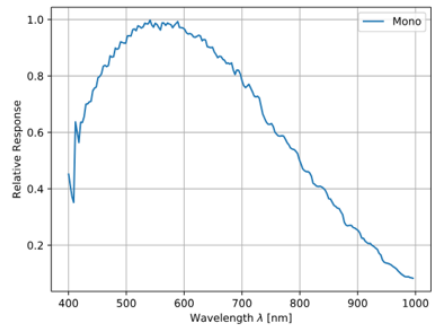
E2525A Sensor QE Curve

Products

Type	Model Number	Camera Sensor Format	Resolution (MegaPixels)	Connector	Mount	Stock Number	Price	Buy
Color Camera	a2A1920-51gcBAS	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-594](#)	€391,00	3-4 days
Monochrome Camera	a2A1920-51gmBAS	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-593](#)	€370,00	3-4 days

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Recertified

Stock No.: 16-593-RCD-05P
Recertified Code: 05P (All Original Parts Included, Perfect)

Recertified Products

Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard [return policy](#) applies.

View all our [recertified products](#) in the Web Specials section of our website.

	Parts		Cosmetic
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Monochrome Camera	a2A1920-51gmBAS	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount			3-4 days
Color Camera	a2A1920-51gcPRO	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-606](#)	€515,00	3-4 days

Monochrome Camera	a2A1920-51gmPRO	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-605](#)	€494,00	Contact Us
Color Camera	a2A1920-165g5cBAS	1/2.3"	2.30	5GigE, RJ45 with Screw Locks	C-Mount	[#25-348](#)	€810,00	3-4 days
Monochrome Camera	a2A1920-165g5mBAS	1/2.3"	2.30	5GigE, RJ45 with Screw Locks	C-Mount	[#25-349](#)	€780,00	3-4 days
Color Camera	a2A2448-105g5cBAS	1/1.8"	5.00	5GigE, RJ45 with Screw Locks	C-Mount	[#28-600](#)	€1.235,00	3-4 days
Monochrome Camera	a2A2448-105g5mBAS	1/1.8"	5.00	5GigE, RJ45 with Screw Locks	C-Mount	[#28-599](#)	€1.215,00	3-4 days
Color Camera	a2A2590-22gcBAS	1/2.8"	5.00	GigE, RJ45 with Screw Locks	C-Mount	[#16-596](#)	€329,00	3-4 days
Monochrome Camera	a2A2590-22gmBAS	1/2.8"	5.00	GigE, RJ45 with Screw Locks	C-Mount	[#16-595](#)	€308,00	3-4 days
Color Camera	a2A2590-22gcPRO	1/2.8"	5.00	GigE, RJ45 with Screw Locks	C-Mount	[#16-608](#)	€432,00	Contact Us
Monochrome Camera	a2A2590-22gmPRO	1/2.8"	5.00	GigE, RJ45 with Screw Locks	C-Mount	[#16-607](#)	€411,00	3-4 days
Color Camera	a2A2840-67g5cBAS	2/3"	8.00	5GigE, RJ45 with Screw Locks	C-Mount	[#28-598](#)	€1.565,00	3-4 days
Monochrome Camera	a2A2840-67g5mBAS	2/3"	8.00	5GigE, RJ45 with Screw Locks	C-Mount	[#28-597](#)	€1.545,00	3-4 days
Color Camera	a2A3840-13gcBAS	1/1.8"	8.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-598](#)	€370,00	3-4 days
Monochrome Camera	a2A3840-13gmBAS	1/1.8"	8.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-597](#)	€350,00	In Stock
Color Camera	a2A3840-13gcPRO	1/1.8"	8.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-610](#)	€484,00	Contact Us
Monochrome Camera	a2A3840-13gmPRO	1/1.8"	8.30	GigE, RJ45 with Screw Locks	C-Mount	[#16-609](#)	€463,00	Contact Us
Color Camera	a2A4096-44g5cBAS	1/1.1"	12.30	5GigE, RJ45 with Screw Locks	C-Mount	[#28-596](#)	€2.150,00	3-4 days
Monochrome Camera	a2A4096-44g5mBAS	1/1.1"	12.30	5GigE, RJ45 with Screw Locks	C-Mount	[#28-595](#)	€2.130,00	3-4 days

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Recertified

Stock No.: 28-595-RCD-05P
Recertified Code: 05P (All Original
Parts Included, Perfect)

Recertified Products

Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
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- Factory Returns – Product has been returned in its original condition

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View all our recertified products in the Web Specials section of our website.

| Monochrome Camera | a2A4096-44g5mBAS | 1/1.1" | 12.30 | 5GigE, RJ45 with Screw Locks | C-Mount | €1.550,00 | 3-4 days |

	Parts		Cosmetic
05	**All Original Parts Included**	**P**	**Perfect**
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Color Camera	a2A4504-5gcBAS	1.1"	20.20	GigE, RJ45 with Screw Locks	C-Mount	#16-600	€2.030,00	3-4 days
Monochrome Camera	a2A4504-5gmBAS	1.1"	20.20	GigE, RJ45 with Screw Locks	C-Mount	#16-599	€2.000,00	3-4 days
Color Camera	a2A4504-5gcPRO	1.1"	20.20	GigE, RJ45 with Screw Locks	C-Mount	#16-612	€2.235,00	Contact Us
Monochrome Camera	a2A4504-5gmPRO	1.1"	20.20	GigE, RJ45 with Screw Locks	C-Mount	#16-611	€2.215,00	Contact Us

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Recertified

Stock No.: 28-604-RCD-05P
Recertified Code: 05P (All Original Parts Included, Perfect)

Recertified Products

Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

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View all our recertified products in the Web Specials section of our website.

	Parts		Cosmetic
05	**All Original Parts Included**	**P**	**Perfect**
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Color Camera	a2A4504-27g5cBAS	1.1"	20.20	5GigE, RJ45 with Screw Locks	C-Mount		3-4 days

Color Camera	a2A4504-27g5cBAS	1.1"	20.20	5GigE, RJ45 with Screw Locks	C-Mount	#28-604	€2.740,00	Contact Us