Basler ace2 a2A2840-67g5mUV Ultraviolet (UV) 5GigE Camera

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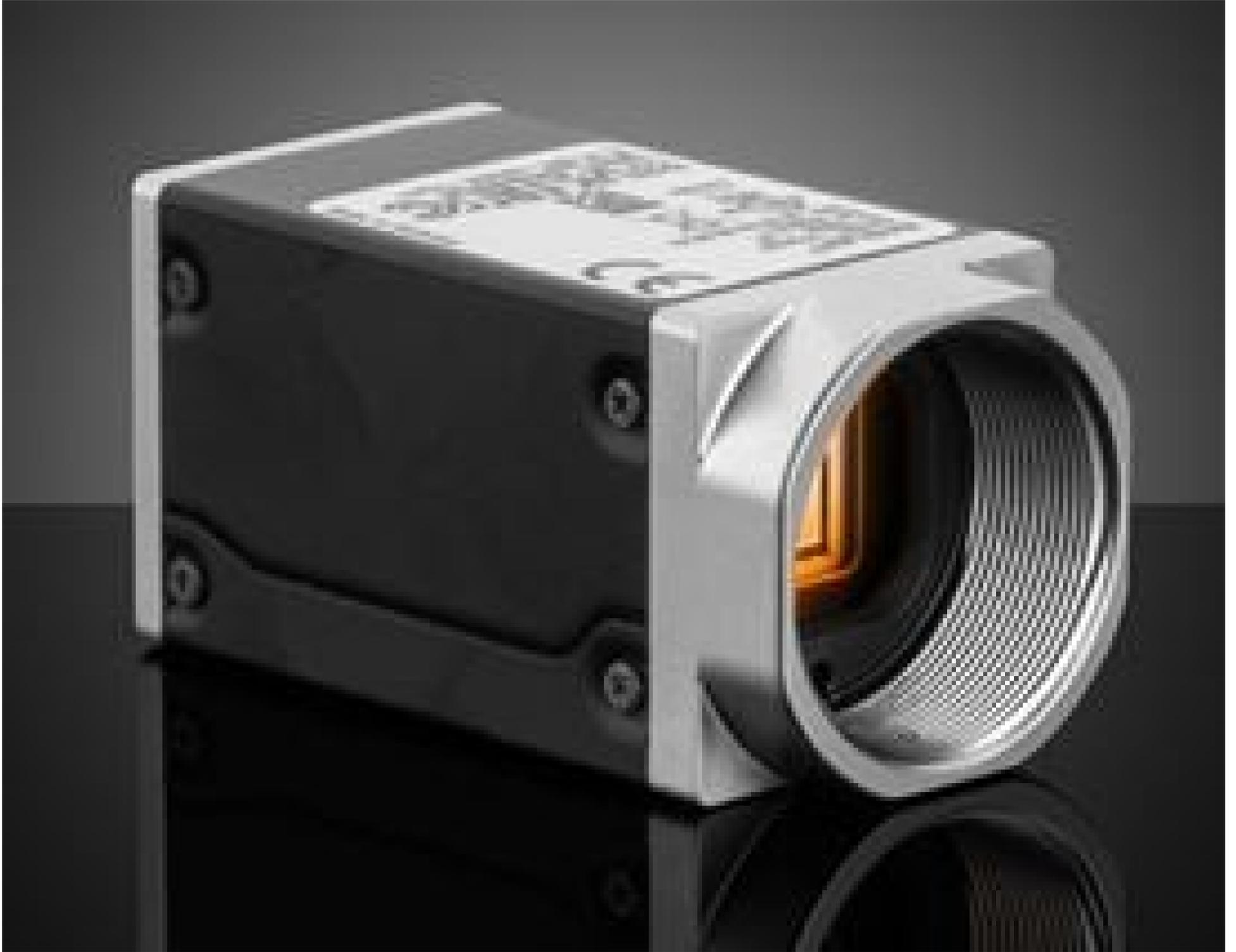
Basler ace2 Ultraviolet (UV) GigE Camera

Stock **#72-581** CONTACT US

− 1 + €7.390.⁰⁰

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Qty 1+	**€7.390,00** each
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Product Downloads

Spectrum:

UV

General

Type:

UV Camera

Model Number:

a2A2840-67g5mUV

Manufacturer:	
Basler	
Camera Series:	
ace2	

Physical & Mechanical Properties

Dimensions (mm):	
36.3 x 29 x 29	
Weight (g):	
<105	
Housing:	
Full	

Sensor

Image Buffer:	
Not Specified	
Sensor Format:	
2/3"	
Resolution (Megapixels):	
8.10	
Frame Rate (fps):	
67.00	
Pixels (H x V):	
2,856 x 2,848	
Pixel Size, H x V (µm):	
2.74 x 2.74	
Sensing Area, H x V (mm):	
7.78 x 7.78	
Imaging Sensor:	
Sony IMX487	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
8/10/12 Bit	
Exposure Time:	
Freely Programmable	
Dynamic Range (dB):	
Not Specified	
Machine Vision Standard:	
GigE Vision 2.0, GenICam	

Electrical

Power Consumption (W):	
5.7	

Hardware & Interface Connectivity

Interface:	
5GigE (PoE)	
Connector:	
5GigE, RJ45 with Screw Locks	
Power Supply:	
Power over GPIO with #16-644	
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

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

Environmental & Durability Factors

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

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant

Product Details

- UV (200 – 400nm) Imaging Capabilities with 8.1MP, 2.3" Sensor Format
- Compact Housing (29 x 29mm)
- Framerates up to 67fps
- Powerful Computer Vision Feature Set with Beyond Features

Basler ace2 Ultraviolet (UV) Cameras integrate the Sony IMX487 Pregius S UV Sensor for high sensitivity in the 200 – 400nm UV spectrum. Featuring a compact 29 x 29mm form factor with 8.1MP sensor resolution, global shutter, and a 2/3" sensor format, these cameras are easily integrated into a variety of inspection applications. Basler ace2 Ultraviolet (UV) cameras integrate advanced Beyond software features for more efficient bandwidth use and more flexible scalability of pixel sizes, maximizing camera performance for demanding application requirements. These cameras are available in either GigE, 5GigE, or USB3.0 interfaces for high data throughput and are ideal for inspection applications operating within the ultraviolet (UV) wavelength such as wafer inspection, material sorting, security and surveillance, and solar inspection.

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