

Basler ace2 a2A2840-48umUV Ultraviolet (UV) USB3 Camera

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C\$9,603⁷²

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SPECIFICATIONS

General

UV Camera	Type:
	Model Number:

a2A2840-48umUV	
Basler	Manufacturer:
ace2	Camera Series:
UV	Spectrum:
Physical & Mechanical Properties	
36.3 x29 x29 (excludes connectors and lens mount)	Dimensions (mm):
<90	Weight (g):
Full	Housing:
Sensor	
Not Specified	Image Buffer:
2/3"	Sensor Format:
8.10	Resolution (Megapixels):
48.00	Frame Rate (fps):
2,856 x2,848	Pixels (H x V):
2.74 x2.74	Pixel Size, H x V (µm):
7.78 x7.78	Sensing Area, H x V (mm):
Sony IMX487	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):
USB3 Vision v1.0, GenICam	Machine Vision Standard:
Electrical	
3.6	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.0	Interface:
USB 3.0, Micro-B	Connector:
Power over USB or 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-Mount	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

- 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.

CALIBRATION SERVICES