

200nm UV 1.6MP USB 3.1 Camera



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Stock #73-855 NEW CONTACT US

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+

£3,972⁰⁰

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Product Downloads	
UV	Spectrum:
General	
UV Camera	Type:
Scintacor	Manufacturer:

Physical & Mechanical Properties	
27 x 27 x 14.5	Dimensions (mm):
20	Weight (g):
Housing:	
Full	
Sensor	
1/2.9"	Sensor Format:
1.60	Resolution (Megapixels):
60.00	Frame Rate (fps):
1,440 x 1,080	Pixels (H x V):
3.45 x 3.45	Pixel Size, H x V (µm):
4.97 x 3.73	Sensing Area, H x V (mm):
Imaging Sensor:	
Sony IMX296	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
10 bit	
Exposure Time:	
29 µs to 30 sec	
Dynamic Range (dB):	
66.03	

Electrical	
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2.2	Power Consumption (W):

Hardware & Interface Connectivity	
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USB 3.1	Interface:
USB 3.1	Connector:
Power Supply:	
Power over USB	
GPIOs:	
1 opto-isolated input, 1 opto-isolated output, 1 non-isolated bi-directional, 1 non-isolated input	
Synchronization:	
Hardware Trigger (GPIO) or Software Trigger	
Interface Port Orientation:	
Back Panel	
GPIO Connector Type:	
7-pin JST	

Threading & Mounting	
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CS-Mount	Mount:

Environmental & Durability Factors	
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0 to 50	Operating Temperature (°C):
-30 to +60	Storage Temperature (°C):

Regulatory Compliance	
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View	Certificate of Conformance:

Product Details

- Ideal for a Variety of Ultraviolet (UV) Imaging Applications
- 200nm Designed Wavelength

- Phosphor Coated Camera Sensor
- Includes Camera, Cable, and Easy-to-Use Software
- [NIR](#) Versions Available

CamUV200nm UV USB 3.1 Cameras are designed with phosphor-based scintillators, allowing the camera to image in the ultraviolet (UV) at wavelengths as low as 200nm. This compact 27 x27 x 14.5mm CS-mount camera offers a resolution of 1440 x 1080 pixels and a pixel size of 3.45µm, allowing this camera to ensure sharp, high-resolution imaging for even the most detailed applications. CamUV200nm UV USB 3.1 Cameras ship with the camera, a cable, software on a USB drive, and a quick start guide to facilitate setup. These cameras are an ideal solution for a variety of applications, including UV laser beam profiling, machine vision, general UV detection, and product quality monitoring.