

200nm UV 1.6MP USB 3.1 Camera



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UV **Spectrum:**

General

UV Camera **Type:**

Scintacor **Manufacturer:**

Physical & Mechanical Properties

27 x 27 x 14.5	Dimensions (mm):
20	Weight (g):
Full	Housing:
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):
Sony IMX296	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
10 bit	Pixel Depth:
29 µs to 30 sec	Exposure Time:
66.03	Dynamic Range (dB):
Electrical	
2.2	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.1	Interface:
USB 3.1	Connector:
Power over USB	Power Supply:
1 opto-isolated input, 1 opto-isolated output, 1 non-isolated bi-directional, 1 non-isolated input	GPIOs:
Hardware Trigger (GPIO) or Software Trigger	Synchronization:
Back Panel	Interface Port Orientation:
7-pin JST	GPIO Connector Type:
Threading & Mounting	
CS-Mount	Mount:
Environmental & Durability Factors	
0 to 50	Operating Temperature (°C):
-30 to +60	Storage Temperature (°C):
Regulatory Compliance	
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 x 27 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.

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