200nm UV 1.6MP USB 3.1 Camera

200nm UV 1.6MP USB 3.1 Camera

Stock **#73-855** NEW **3 In Stock**

- 1 + **A$7,944**.00

ADD TO CART

Volume Pricing	
Qty 1+	**A$7,944.00** each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Type:
UV Camera

Manufacturer:
Scintacor

Spectrum:
UV

Physical & Mechanical Properties

Dimensions (mm):
27 x 27 x 14.5

Weight (g):
20

Housing:
Full

Sensor

Sensor Format:
1/2.9"

Resolution (Megapixels):
1.60

Frame Rate (fps):
60.00

Pixels (H x V):
1,440 x 1,080

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
4.97 x 3.73

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

Power Consumption (W):
2.2

Hardware & Interface Connectivity

Interface:
USB 3.1

Connector:
USB 3.1

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

Mount:
CS-Mount

Environmental & Durability Factors

Operating Temperature (°C):
0 to 50

Storage Temperature (°C):
-30 to +60

Regulatory Compliance

Certificate of Conformance:
View

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

CamUV 200nm 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. CamUV 200nm 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.