

EHD IMAGING GMBH

UV-Camera

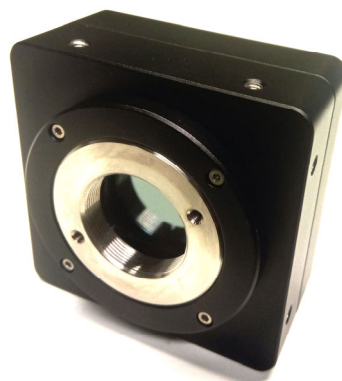
8.0 Megapixel Global Shutter CMOS UV Camera USB3.0

SCM487-UV-TR

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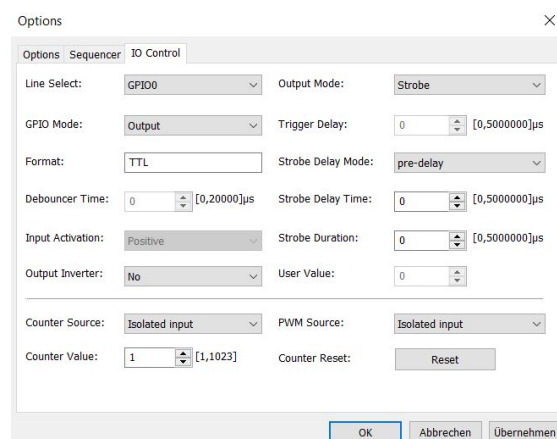
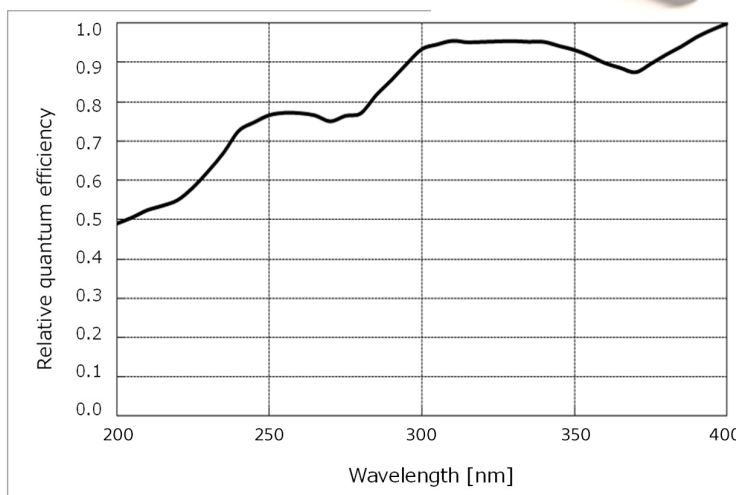


Key Features:

- 8.0MPixel
- Sony IMX487
- Global Shutter
- 200nm –1000nm
- 12bit / 8bit
- 30 μ s—15s
- 45 fps
- USB3.0 (Windows 10)
- C-Mount / T-Mount
- EHDView Software
- Software SDK

Optional:

- F-Mount Adapter



Optional bandpass filter:

- U340: 280-380nm (85nm)
- BP250: 230-275nm (70nm)
- BP324: 290-365nm (105nm)
- BP365: 335-400nm (80nm)

Specifications: SCM487-UV-TR

Image Sensor	2/3" Sony IMX487
Resolution	2840 x 2840
Pixel Size (H x V) μm	2.74 x 2.74
Active Sensor Size (H x V) mm	8.8 x 6.6
Dynamic Range	72.0dB
Signal-to-Noise ratio	40.0dB
A/D	8bit / 12bit
Exposure Control	30 μs ~ 15s
Frame Rate	45fps @2840x2840, 198fps @1420x1420
Conversion Gain	TBD
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	C-Mount / T-Mount (M42x0,75)
Operation Temperatur	-10°C ~ 50°C
Power source	DC 5V USB port powered, 3.4W (680mA)
Dimensions (WxHxD) mm	68 x 68 x 34.1
Weight (without lens)	300g

Dimensions

