

EHD IMAGING GMBH

# UV-Camera

8.0 Megapixel Global Shutter CMOS UV Camera USB3.0

## SCM487-UV-TR

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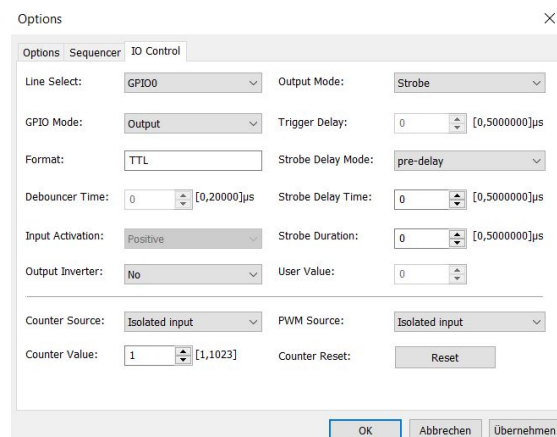
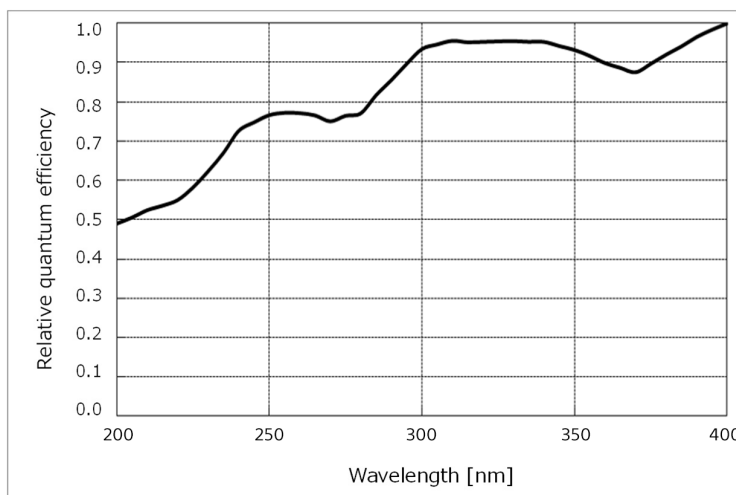


### Key Features:

- 8.0MPixel
- Sony IMX487
- Global Shutter
- 200nm –1000nm
- 12bit / 8bit
- 30 $\mu$ s—15s
- 45 fps
- USB3.0 (Windows 10)
- M42 and C-Mount
- EHDView Software
- Software SDK

### Optional:

- T-Mount
- 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) $\mu\text{m}$	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 $\mu\text{s}$ ~ 15s
Frame Rate	45fps @2840x2840, 198fps @1420x1420
Conversion Gain	TBD
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M42 and C-Mount
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

