

EHD IMAGING GMBH

# UV-Camera

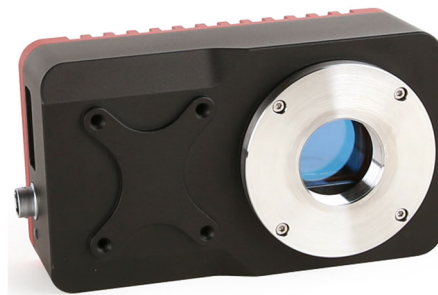
4.0 Megapixel sCMOS backilluminated UV Camera USB3.0 with ext. Trigger

## SCM2020-UV-TR

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### Key Features:

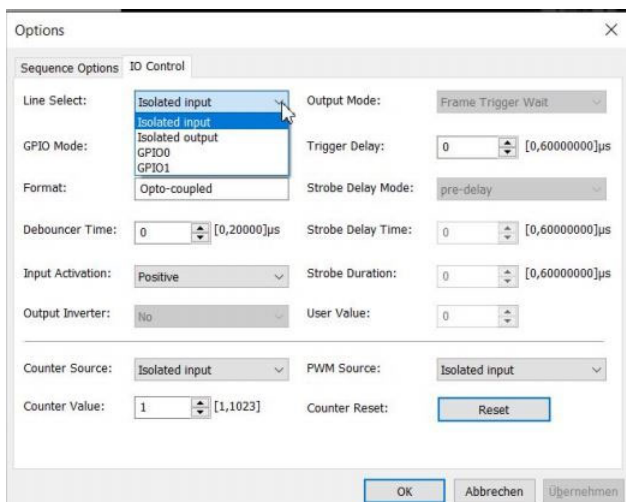
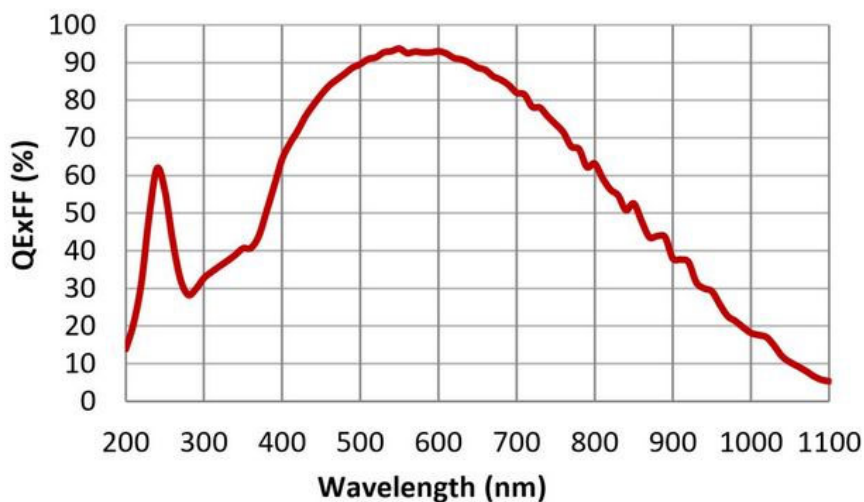
- 4,0MPixel
- GSENSE2020BSI
- 200nm –1300nm
- 0.01ms—60s
- 45 fps
- External Trigger
- Rolling Shutter
- USB3.0 (Windows 10)
- M42x0.75 & C-Mount
- EHDView Software
- Software SDK

### Optional:

- F-Mount Adapter

### Optional bandpass filter:

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



## Specifications: SCM2020-UV-TR

Image Sensor	1.2" GSENSE2020BSI back illuminated
Resolution	2048 x 2048
Pixel Size (H x V) $\mu\text{m}$	6.5 x 6.5
Active Sensor Size (H x V) mm	13.3 x 13.3
Full Well	54ke-
Dark Current	1.6e-/s/pix
A/D	12bit
Exposure Control	0.01ms ~ 60s
Frame Rate	45 fps ROI 40x40=161fps / ROI 2048x40=161fps / ROI 1kx1k=88fps
Conversion Gain	HCG / LCG / HDR
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M42x0.75 & C-Mount
Operation Temperatur	-10°C ~ 50°C
Power Source	DC 5V USB port powered, 3.4W (680mA)
Dimensions ( WxHxD) mm	118 x 68 x 45,3
Weight ( without lens )	550g

## Dimensions

