

EHD IMAGING GMBH

UV-Camera

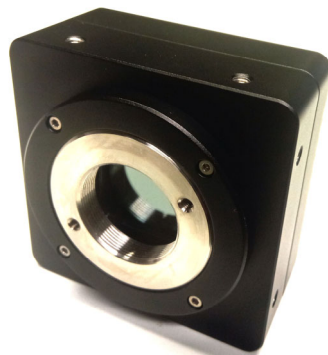
4.2 Megapixel sCMOS backilluminated UV Camera USB3.0 with ext. Trigger

SCA2020-UV-TR

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Key Features:

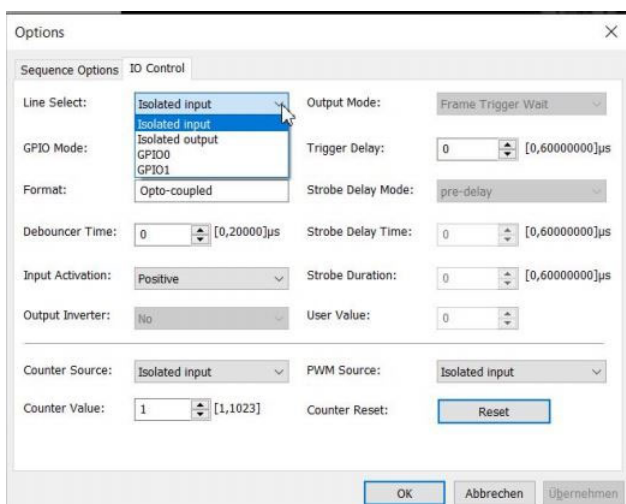
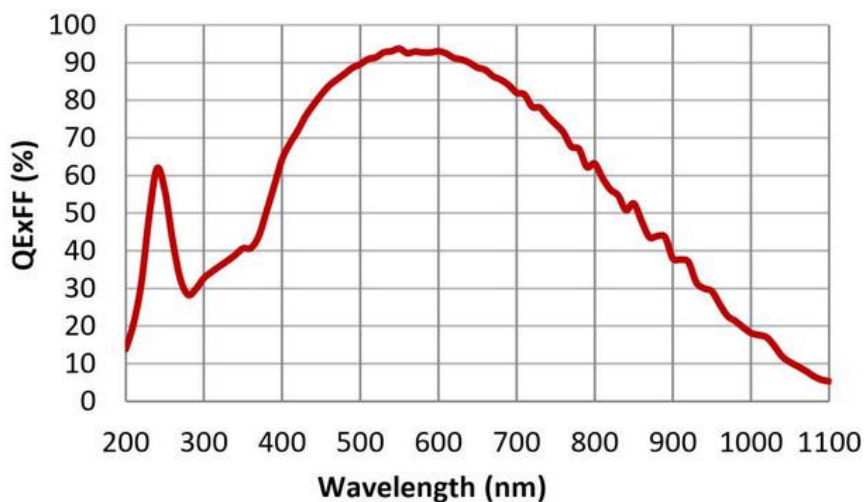
- 4,2MPixel
- GSENSE2020BSI
- 190nm –1300nm
- 21 μ s—60s
- 32 fps
- 16bit HDR Mode
- External Trigger
- Rolling Shutter
- USB3.0 (Windows 10)
- T-Mount & C-Mount
- EHDView Software
- Software SDK

Optional:

- F-Mount Adapter
- Sensor without window

Optional bandpass filter:

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



Specifications: SCA2020-UV-TR

Image Sensor	1.2" GSENSE2020BSI back illuminated
Resolution	2048 x 2048
Pixel Size (H x V) μm	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
Dynamic Range	67.5dB (LG), 61dB (HG), 90.5dB (HDR)
Sensitivity	1.1x108(e-/((W/m2).s))
A/D	12bit / 16bit HDR Mode
Exposure Control	21 μs ~ 60s
Frame Rate	32 fps
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	68 x 68 x 34,1
Weight (without lens)	270g

Dimensions

