

EHD IMAGING GMBH

UV-Camera

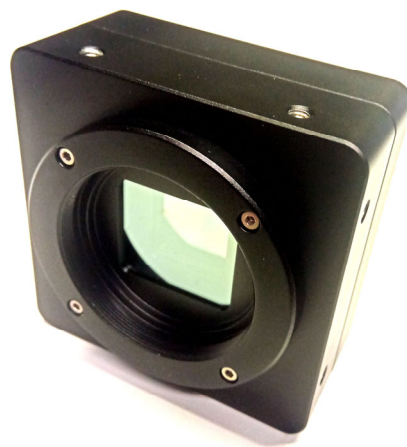
4.0 MP compact sCMOS backilluminated UV Camera with ext. Trigger

SCA400-UV-TE

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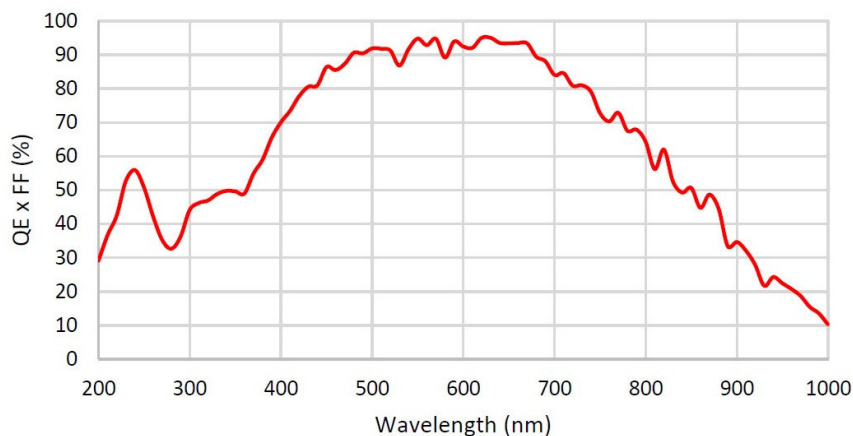


Key Features:

- 4,0MPixel
- GSENSE400BSI
- 200nm –1100nm
- 21µs—60s
- 37 fps
- External Trigger I/O
- 2 GPIO's
- Rolling Shutter
- USB3.0 (Windows 10)
- M42x0.75 (T-Mount)
- USB3.0 Interface
- EHDView Software
- Software SDK

Optional:

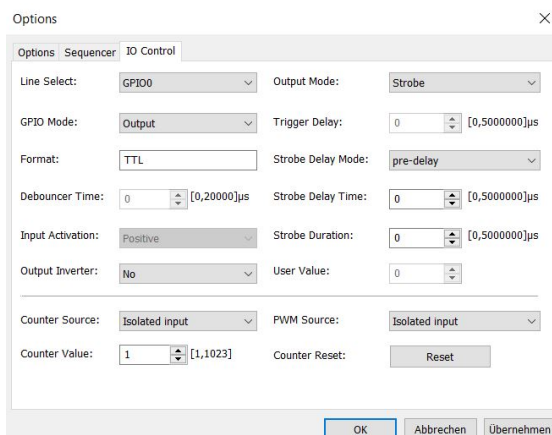
- F-Mount Adapter



Optional bandpass filter:

BP324: 290-365nm (105nm)

BP365: 335-400nm (80nm)



Specifications: SCA400-UV-TR

Image Sensor	2.0" GSENS400BSI back illuminated
Resolution	2048 x 2048
Pixel Size (H x V) μm	11 x 11
Active Sensor Size (H x V) mm	22,5 x 22,5
Full Well	91ke-
Dark Current	345e-/s/pix
A/D	12bit
Dynamic Range	64dB(LG), 68db(HG), 94db(HDR)
Exposure Control	21 μs ~ 60s
Frame Rate	37 fps
Signal to Noise	50dB(LG), 33dB(HG)
Conversion Gain	HCG / LCG /HDR
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M42x0.75
Operation Temperatur	-10°C ~ 50°C
Power Source	DC 5V USB port powered
Dimensions (WxHxD) mm	68 x 68 x 36
Weight (without lens)	270g

Dimensions

