

EHD IMAGING GMBH

Cooled UV-Camera

TE Cooled 4.0 MP sCMOS backilluminated UV Camera with ext. Trigger

SC2020UV-ITR

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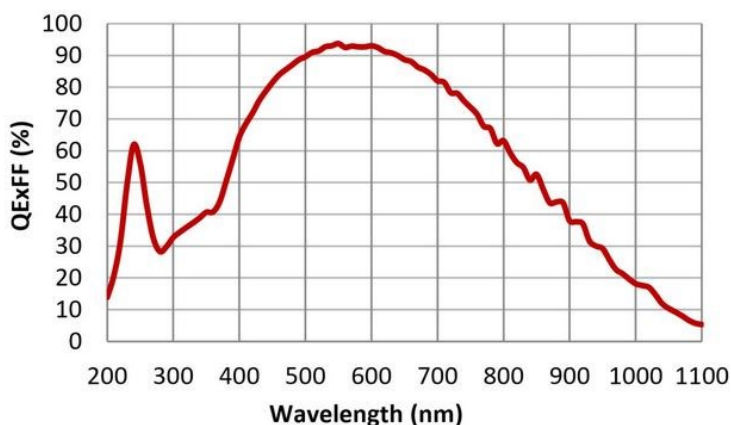


Key Features:

- 4,0MPixel
- GSENSE2020BSI
- 200nm –1100nm
- 0.012ms—1h
- 2-Stage Cooler dt 40°C
- 74 fps
- External Trigger I/O
- 2 GPIO's
- Rolling Shutter/Global Reset
- C-Mount
- USB3.0 Interface
- 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: SC2020UV-ITR

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	0.21e-/s/pix @-20°C
A/D	8bit / 11bit / 12bit / 16bit
Exposure Control	0.012ms ~ 1h
Frame Rate	74 fps
TE Cooler	2-Stage -40°C below ambient
Conversion Gain	HCG / LCG / HDR
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO Rolling Shutter—Global Reset
Lens Mount	C-Mount
Operation Temperatur	-10°C ~ 50°C
Power Source	DC 5V USB port powered, DC 12V extern TE-Cooler
Dimensions (WxHxD) mm	107 x 80 x 80
Weight (without lens)	900g

Dimensions

