

EHD IMAGING GMBH

# 6.3MP NIR CMOS-Camera

*6.3 Megapixel NIR CMOS Camera USB3.0 with Trigger*

## SCM178-NIR-TR

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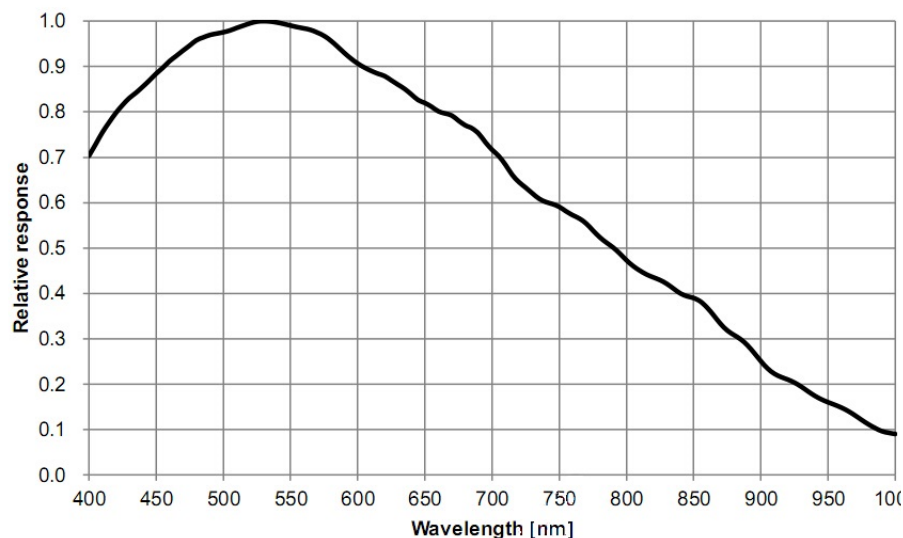


### Key Features:

- 6.3MPixel (3072x2048)
- Rolling Shutter
- 400nm –1200nm
- 20 $\mu$ s—60s
- 59 fps
- USB3.0 (Windows 10)
- Trigger I/O
- 2x GPIO's
- C Mount
- EHDView Software
- Software SDK

### Optional:

- RG1000 Filter



## Specifications: SCM178-NIR-TR

Image Sensor	1/1.8" Sensor
Resolution	3072 x 2048
Pixel Size (H x V) $\mu\text{m}$	2.4 x 2.4
Dynamic Range	71dB
Sensitivity	760mV
Signal to Noise	40dB
Dark Current	0.15mV
A/D	8bit / 12bit
Exposure Control	20 $\mu\text{s}$ ~ 60s
External trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Frame Rate	59,8 fps
Digital Binning	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8
Lens Mount	C-Mount
Operation Temperatur	-10°C ~ 50°C
Power source	DC 5V USB port powered <7.7W or external power
Dimensions ( WxHxD) mm	68x68x28.1
Weight ( without lens )	217g

## SCM178-NIR-TR Dimensions

