

EHD IMAGING GMBH

# 2.8MP NIR CMOS-Camera

*2.8 Megapixel Global Shutter NIR CMOS Camera USB3.0 with Trigger*

## SCM421-M-TR

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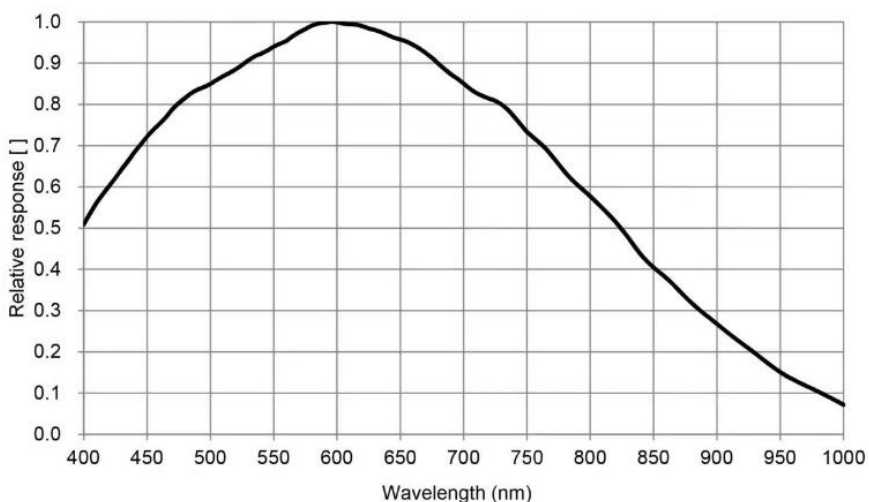
e-mail: [info@ehdimaging.de](mailto:info@ehdimaging.de)  
[www.ehd.de](http://www.ehd.de)



### Key Features:

- 2.8MPixel (1936x1464)
- Global Shutter
- 400nm –1100nm
- 6 $\mu$ s—15s
- 125 fps
- USB3.0 (Windows 10)
- Trigger I/O
- 2x GPIO's
- C Mount
- EHDView Software
- Software SDK

SCM421-M-TR



## Specifications: SCM421-M-TR

Image Sensor	2/3" Sensor
Resolution	1936 x 1464
Pixel Size (H x V) $\mu\text{m}$	4.5 x 4.5
Dynamic Range	72dB
Sensitivity	3354mV
Readou Noise	5.5e-
Dark Current	1.85e
A/D	8bit / 12bit
Exposure Control	6 $\mu\text{s}$ ~ 15s
External trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Frame Rate	121fps
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

