

EHD IMAGING GMBH

4.1MP C NIR CMOS-Camera

4.1 Megapixel NIR CMOS Camera USB3.0 with Trigger

SCM464-CNIR-TR

EHD imaging GmbH
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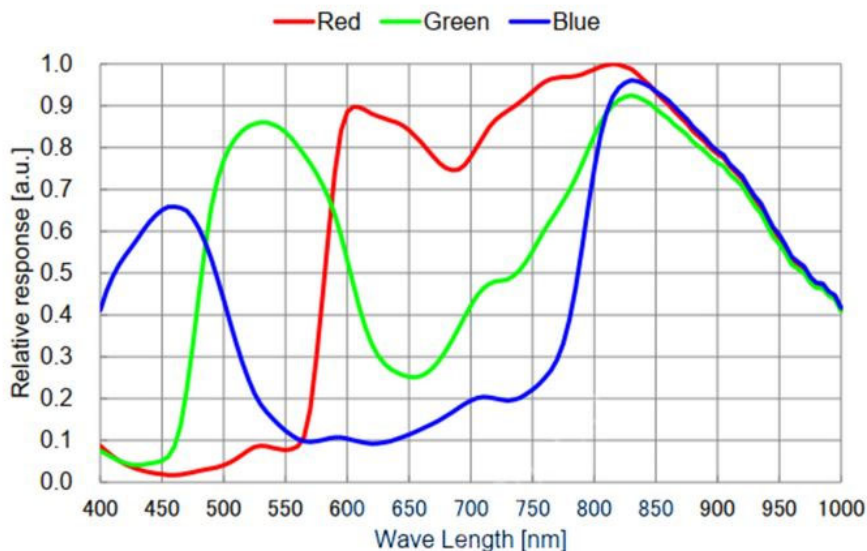
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Key Features:

- 4.1MPixel (2688x1520)
 - Rolling Shutter
 - 400nm –1300nm
 - 11 μ s—15s
 - 88 fps
 - High Gain / Low Gain
 - USB3.0 (Windows 10)
 - Trigger I/O
 - 2x GPIO's
 - C Mount
 - EHDView Software
 - Software SDK
- Optional:
- RG1000 Filter



Specifications: SCM464-CNIR-TR

Image Sensor	1/1.8" Sensor
Resolution	2688 x 1520
Pixel Size (H x V) μm	2.9 x 2.9
Dynamic Range	12 bit
Sensitivity	2376mV
Signal to Noise	40dB
Dark Current	0.15mV
A/D	8bit / 12bit
Exposure Control	11 μs ~ 15s
Conversion Gain	HCG / LCG
External trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Frame Rate	88 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

SCM464-CNIR-TR Dimensions

