

EHD IMAGING GMBH

# 8.3MP CMOS-Camera

*8.3 Megapixel High-Sensitive CMOS Camera USB3.0 with Trigger*

## SCM678-NIR-TR

EHD imaging GmbH  
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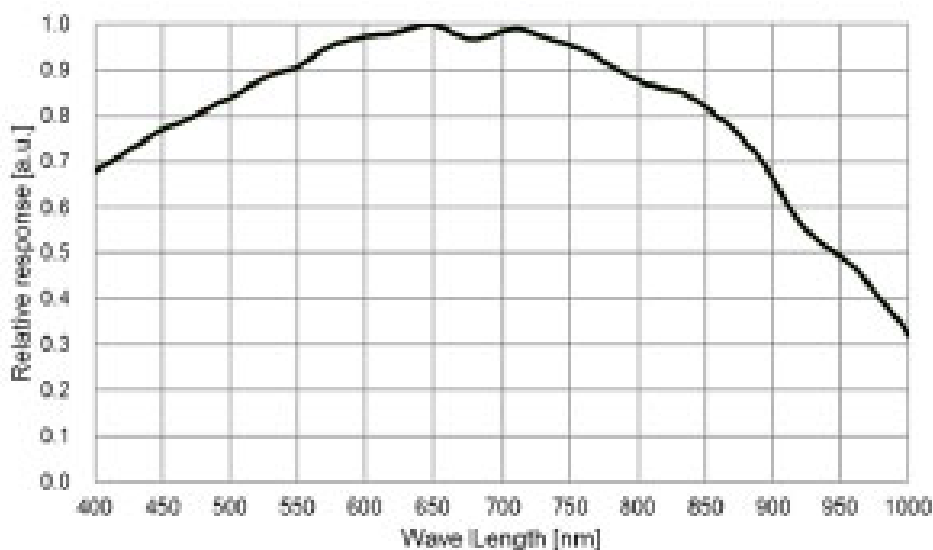
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[www.ehd.de](http://www.ehd.de)



### Key Features:

- 8.3 MPixel (3840x2160)
- Rolling Shutter
- 400nm –1200nm
- 30 $\mu$ s—15s
- 45 fps
- USB3.0 (Windows 10)
- Trigger I/O
- 2x GPIO's
- C Mount
- EHDView Software
- Software SDK



## Specifications: SCM678-NIR-TR

Image Sensor	1/1.8" Sensor Starvis 2
Resolution	3840 x 2160
Pixel Size (H x V) $\mu\text{m}$	2.0 x 2.0
Dynamic Range	67.08dB (HCG)
Sensitivity	11288mV
Readou Noise	0.65e-/ADU (HCG)
Dark Current	0.15mV
A/D	8bit / 12bit
Exposure Control	30 $\mu\text{s}$ ~ 15s
External trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Frame Rate	45fps
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

## SCM678-NIR-TR Dimensions

