

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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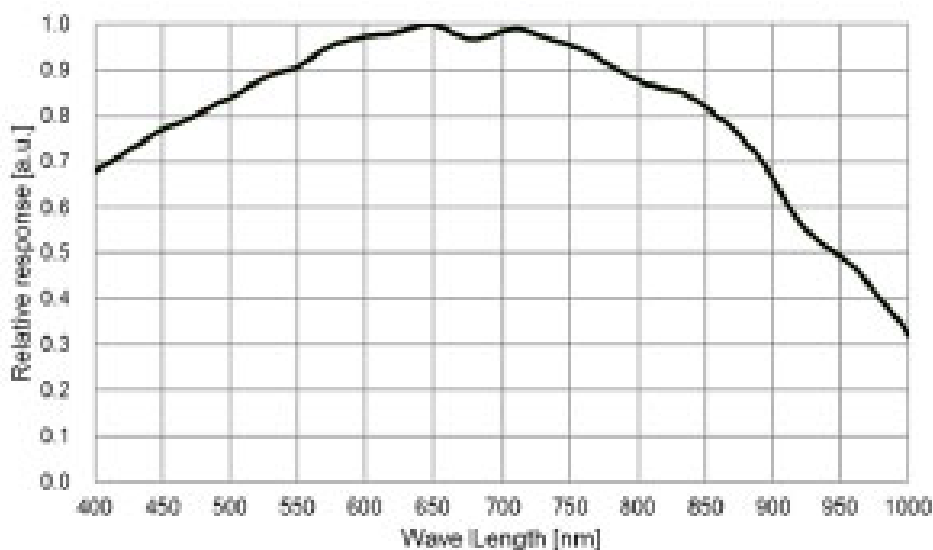
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Key Features:

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



Specifications: SCM678-NIR-TR

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|----------------------------------|--|
| Image Sensor | 1/1.8" Sensor Starvis 2 |
| Resolution | 3840 x 2160 |
| Pixel Size (H x V) μm | 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 μs ~ 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

