

EHD IMAGING GMBH

8.3MP NIR-Camera

Cooled 8.3 Megapixel High-Sensitive NIR Camera USB3.0 with Trigger

SC585-NIR-CTR

EHD imaging GmbH
Zum Rennplatz 15
D-49401 Damme

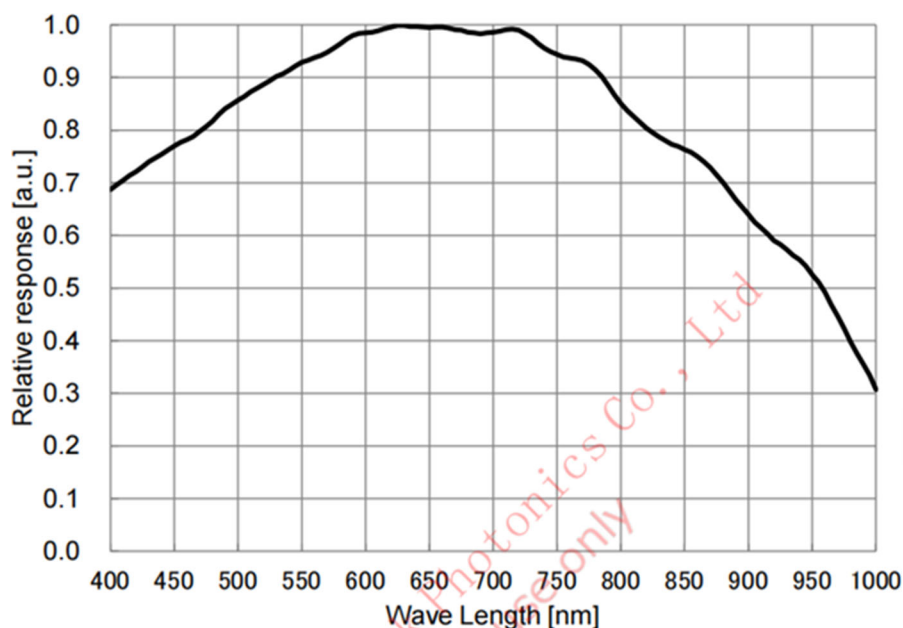
Phone: +49-5491-2090
Fax: +49-5491-2098

e-mail: info@ehdimaging.de
www.ehd.de



Key Features:

- 8.3 MPixel (3840x2160)
- TE cooled dT 10°C
- Rolling Shutter
- 400nm –1200nm
- Low gain / High gain
- 30μs—300s
- 45 fps
- USB3.0 (Windows 10)
- Trigger I/O
- 2x GPIO's
- C Mount
- EHDView Software
- Software SDK



Specifications: SC585-NIR-CTR

Image Sensor	1/1.2" Sensor Starvis 2
Resolution	3840 x 2160
Pixel Size (H x V) μm	2.9 x 2.9
Dynamic Range	72dB
Sensitivity	19120mV
Readout Noise	1.5e-
Dark Current	0.015e/s/px
A/D	8bit / 12bit
Conversion gain	high / low
Exposure Control	30 μs ~ 300s
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 or 12V DC,. Cooled 3.65W
Dimensions (WxHxD) mm	80x80x63
Weight (without lens)	397g

SC585-NIR-CTR Dimensions

