

EHD IMAGING GMBH

Cooled Camera

TE Cooled 4.0 MP sCMOS enhanced Camera with ext. Trigger

MaxCam-2020e-TE

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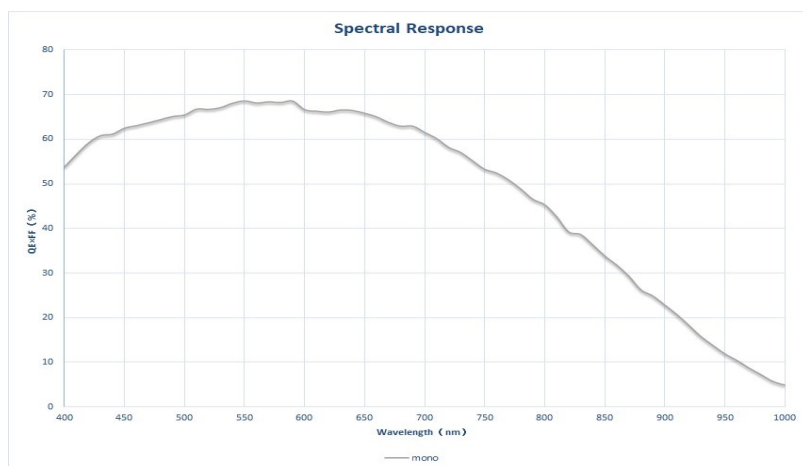


Key Features:

- 4,0MPixel
- GSENSE2020e
- 400nm –1000nm
- 0.1ms—1000s
- 2-Stage Cooler dt 40°C
- 44 fps
- External Trigger I/O
- 2 GPIO's
- Rolling Shutter
- C-Mount
- USB3.0 Interface
- EHDView Software
- Software SDK

Optional:

- F-Mount Adapter



Optional bandpass filter:

- U340: 280-380nm (85nm)
- BP250: 230-275nm (70nm)
- BP324: 290-365nm (105nm)
- BP365: 335-400nm (80nm)

Specifications: MaxCam-2020e-TE

Image Sensor	1.2" GSENSE2020e enhanced
Resolution	2048 x 2048
Pixel Size (H x V) μm	6.5 x 6.5
Active Sensor Size (H x V) mm	13.3 x 13.3
Full Well	45ke-
Dark Current	<13e-/s/pix @ 12bit @ 35°C
A/D	16bit
Exposure Control	0.1ms ~ 1000s
Frame Rate	44 fps
TE Cooler	2-Stage -40°C below ambient
Conversion Gain	
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	C-Mount
Operation Temperatur	-10°C ~ 50°C
Power Source	DC 5V USB port powered, DC 19V extern TE-Cooler
Dimensions (WxHxD) mm	110 x 110 x 121,5
Weight (without lens)	900g

Dimensions

