

Preliminary



EHD IMAGING GMBH

# VIS-SWIR Camera

TE Cooled VIS-SWIR Camera USB3.0

## MaxCam-992TE-TR

EHD imaging GmbH  
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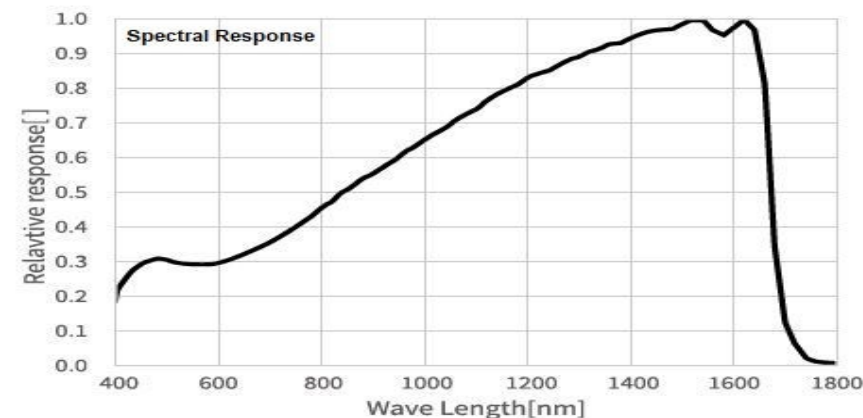
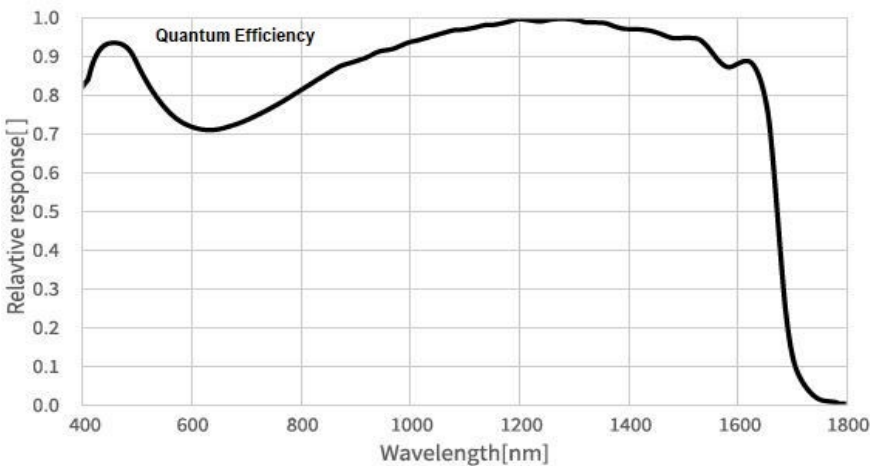
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### Key Features:

- 2560 x 2048 max. Pixel
- SONY IMX992-AABA-C
- 400nm –1700nm
- 15 $\mu$ s—60s
- TE Cooler dt 25°C
- 61,9fps (8bit), 35,5fps (12bit)
- 8bit / 12bit
- Global Shutter
- USB3.0 (Windows 11)
- C-Mount
- EHDView Software
- Software SDK
- ext. Trigger & GPIO's
- CE, FCC



### Optional:

- Sensor without window
- VIS-SWIR Lenses
- Bandpass Filter

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## Specifications: MaxCam-992TE-TR –PRELIMINARY-

Image Sensor	1/1.4" SONY IMX992-AABA-C
Resolution	2560 x 2048
Pixel Size (H x V) $\mu\text{m}$	3.45 x 3.45
Active Sensor Size (mm)	8,83 (H) x 7,07(V); 11,31 diagonal (mm)
Full Well	41.39 ke (HCG); 69.92 ke (LCG)
Dark Current	TBD
SNR max	46.17dB (HCG); 48,45dB (LCG)
Readout Noise	111.88e (HCG); 186.621(LCG)
Conversion Gain	10.3e/ADU (HCG); 17.29 /ADU (LCG)
Sensitivity	TBD
A/D	8Bit /12bit
Exposure Control	15 $\mu\text{s}$ ~ 60s
Frame Rate	8 Bit : 61.9fps@2560x2048、135.7fps@1280x1024 12 Bit : 35.5fps@2560x2048、135.7fps@1280x1024
Cooling	25°C below ambient
Gain Range	1x-15x
Shutter	Global Shutter
Digital I/O	Trigger optical iso.input/output, 2 GPIO's
Binning	Software 2x2, 3x3, 4x4
Lens Mount	C-Mount
Operation Temperatur	-20°C ~ 60°C
Power Source	USB 3.0 port powered, or DC 12V extern
Dimensions ( WxHxD) mm	80 x 80 x 62,9
Weight ( without lens )	<390g

## Dimensions

