

EHD IMAGING GMBH

# Cooled UV-Camera

*TE Cooled 4.0 MP sCMOS backilluminated UV Camera with ext. Trigger*

## MaxCam-400UV-TE

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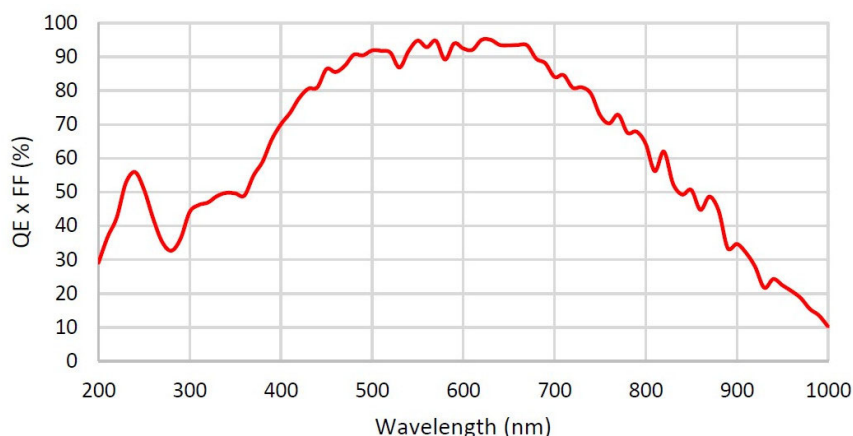


### Key Features:

- 4,0MPixel
- GSENSE400BSI
- 200nm –1100nm
- 0.1ms—1000s
- 2-Stage Cooler dt 40°C
- 37 fps
- External Trigger I/O
- 2 GPIO's
- Rolling Shutter
- USB3.0 (Windows 10)
- M42x0.75
- 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-400UV-TE

Image Sensor	2.0" GSENS400BSI back illuminated
Resolution	2048 x 2048
Pixel Size (H x V) $\mu\text{m}$	11 x 11
Active Sensor Size (H x V) mm	22,5 x 22,5
Full Well	91ke-
Dark Current	1.5e-/s/pix
A/D	12bit
Exposure Control	0.1ms ~ 1000s
Frame Rate	37 fps
TE Cooler	2-Stage $-40^{\circ}\text{C}$ below ambient
Conversion Gain	HCG / LCG
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M42x0.75
Operation Temperatur	$-10^{\circ}\text{C}$ ~ $50^{\circ}\text{C}$
Power Source	DC 5V USB port powered, DC 19V extern TE-Cooler
Dimensions ( WxHxD) mm	110 x 110 x 103
Weight ( without lens )	900g

## Dimensions

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 1. MaxCam-466M/C-TE  
 2. MaxCam-400UV-TE  
 3. MaxCam-2020UV-TE

