

EHD IMAGING GMBH

Cooled UV-Camera

TE Cooled 16bit 4.0 MP sCMOS backilluminated UV Camera with ext. Trigger

MaxCam-400UV-TE

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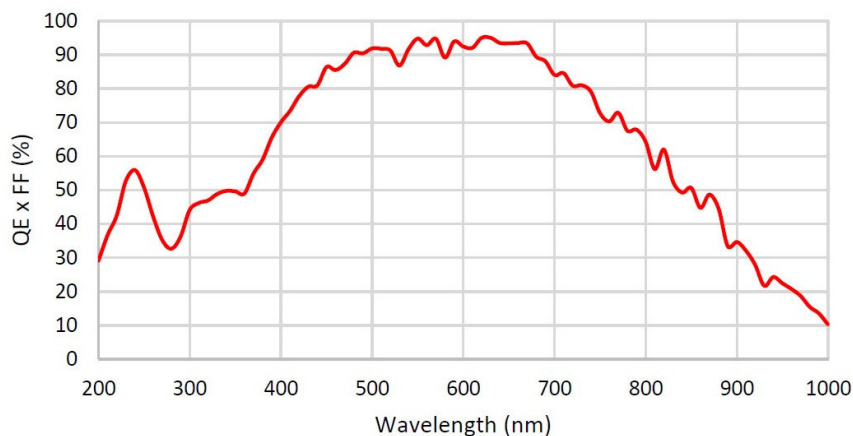


Key Features:

- 4,0MPixel
- GSENSE400BSI
- 200nm –1100nm
- 8bit & 16bit
- 0.1ms—1000s
- 2-Stage Cooler dt 40°C
- Framerate 22 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) μm	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	16bit
Exposure Control	0.1ms ~ 1000s
Frame Rate	22 fps
TE Cooler	2-Stage -40°C below ambient
Conversation Gain	HCG / LCG / HDR
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M42x0.75
Operation Temperatur	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
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

