

EHD IMAGING GMBH

Cooled sCMOS-Camera

TE Cooled 61.0 MP sCMOS backilluminated Camera with ext. Trigger

MaxCam-455M-TE

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

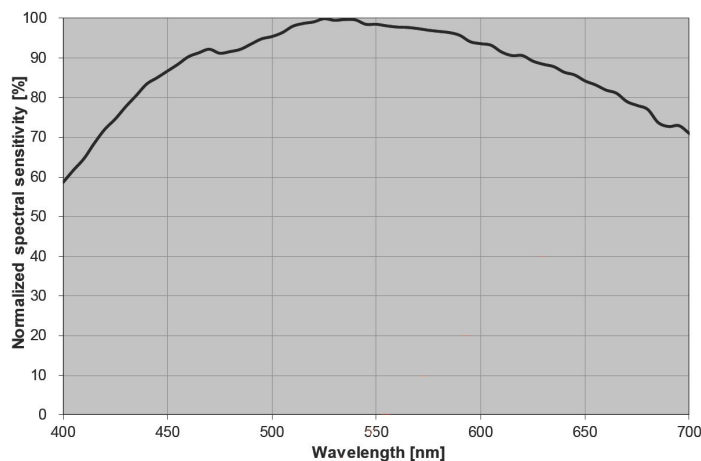


Key Features:

- 61 MPixel
- Sony IMX455 mono
- 400nm –1100nm
- 0.1ms—1000s
- 2-Stage Cooler dt 40°C
- 43 fps
- External Trigger I/O
- 2 GPIO's
- Rolling Shutter
- USB3.0 (Windows 10)
- M52x0.75
- USB3.0 Interface
- EHDView Software
- Software SDK

Optional:

- F-Mount Adapter
- C-Mount Adapter



Optional bandpass filter:

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

Specifications: MaxCam-455M-TE

Image Sensor	2.7" IMX455 mono backilluminated
Resolution	9576 x 6498
Pixel Size (H x V) μm	6.5 x 6.5
Active Sensor Size (H x V) mm	3.76 x 3.76
Full Well	51ke-
Dark Current	<0,003e-/s/pix @ 0°C
A/D	16bit / 8 Bit
Exposure Control	0.1ms ~ 1000s
Frame Rate	6.1 fps at full resolution
TE Cooler	2-Stage -40°C below ambient
Read Noise	1,5 e- — 3,5 e-
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M52x0.75
Operation Temperatur	-10°C ~ 50°C
Power Source	DC 5V USB port powered, DC 19V extern TE-Cooler
Dimensions (WxHxD) mm	118 x 68 x 45,3
Weight (without lens)	900g

Dimensions

