

EHD IMAGING GMBH

Cooled 102MP CMOS Camera

TE Cooled 102 MP CMOS monochrome Camera with USB3.0 or 10GigE

MaxCam-461M-TE

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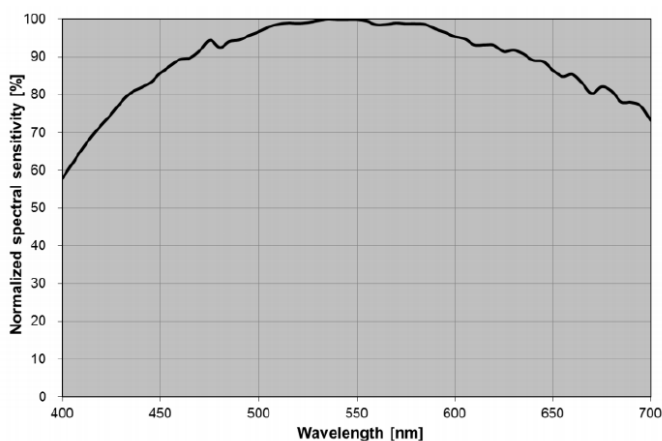


Key Features:

- 102MPixel
- SONY IMX461ALR
- 400nm –1000nm
- 15 μ s—3600s
- 2-Stage Cooler dt 40°C
- 3.5 fps/USB3, 8.7fps/10G
- External Trigger I/O
- 2 GPIO's
- Rolling Shutter
- USB3.0 (Windows 10)
- M72x0.75
- USB3.0 or 10G Interface
- EHDView Software
- Software SDK

Optional:

- F-Mount Adapter



- USB3.0 Version
- 10G Version
- Color Version

Specifications: MaxCam-461M-TE

Image Sensor	3.4" IMX461ALR
Resolution	11648 x 8742
Pixel Size (H x V) μm	3.67 x 3.67
Active Sensor Size (H x V) mm	48.64 x 40.38
Full Well	49.09ke-
Dark Current	0.003e-/s/pix @ -20°C
Readout Noise	3.57e
A/D	8/12/16bit
Exposure Control	15 μs ~ 3600s
Frame Rate	3.5 fps USB3.0 8.7fps 10G
TE Cooler	2-Stage -40°C below ambient
Conversion Gain	0.75e/ADU
External Trigger	1 opto-isolated input , 1 opto-isolated output, 2 GPIO
Lens Mount	M72x0.75
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 129.8
Weight (without lens)	1,44 Kg

Dimensions

